



EMPLOYED WAGE AND SALARY EARNERS  
AUSTRALIA  
DECEMBER QUARTER 1992

**December Quarter 1992  
Employed Wage and  
Salary Earners  
Australia**

DAN CASTLES  
Australian Statistician

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Bureau of  
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Salary Earners  
Employed Wage and  
December Quarter 1992

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### INQUIRIES

• for further information about statistics in this publication and the availability of related unpublished statistics, contact Mr Enrol Patten on Canberra (06) 252 6511 or any ABS State office.  
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CATALOGUE NO. 6248.0



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EMPLOYED WAGE AND SALARY EARNERS  
AUSTRALIA  
DECEMBER QUARTER 1992

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## SUMMARY OF FINDINGS

The Australian Bureau of Statistics (ABS) publishes two series of employment estimates.

The monthly Labour Force Survey collects data by interview from a sample of about 32,400 private and non-private dwellings, using trained interviewers. Self-employed persons are included in the Labour Force Survey. The estimates are published in *The Labour Force, Australia, Preliminary* (6202.0) and *The Labour Force, Australia* (6203.0).

The Survey of Employment and Earnings is a quarterly sample survey of approximately 11,000 private and 2,500 public employer units, selected from the ABS register of employers and conducted by mail. This publication contains estimates from the Survey of Employment and Earnings.

There are conceptual and methodological reasons for differences in the estimates produced by the two surveys. These are discussed in paragraphs 18-19 of the Explanatory Notes and in an *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0). The two series should be seen as complementary and movements in them have generally been broadly consistent. In recent time periods the two surveys have shown some divergence in the estimates produced.

The ABS considers that the Labour Force series provides the better indicator of overall employment movements at the Australian and State level. The aggregate employment

estimates in the quarterly National Accounts are based on that source.

The Survey of Employment and Earnings provides detailed estimates of employment at the State and industry level, with a dissection between public and private sector employment.

The ABS register of employers is dependent upon a range of updating sources. The primary source of information about new businesses is advice from the Australian Taxation Office of registrations for Group Employer purposes. Delays in registration, or advice to the ABS, will affect the timing of introduction of new employer units to ABS survey frameworks. Such delays will mean that differences will occur in measures of employment and other statistical data. For example, persons employed in a business which has recently commenced operations will be represented in estimates from the Labour Force Survey immediately, whereas their employment will not be reflected in estimates from the Survey of Employment and Earnings until after the ABS register of employers records the commencement of that business. There could be several months delay in this occurring.

### Private and public sectors

(The following analysis is based on seasonally adjusted statistical series.)

Diagram 1 below shows the number of wage and salary earners (employees) in both original and seasonally adjusted terms. In December 1992 the number of private

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS  
AUSTRALIA

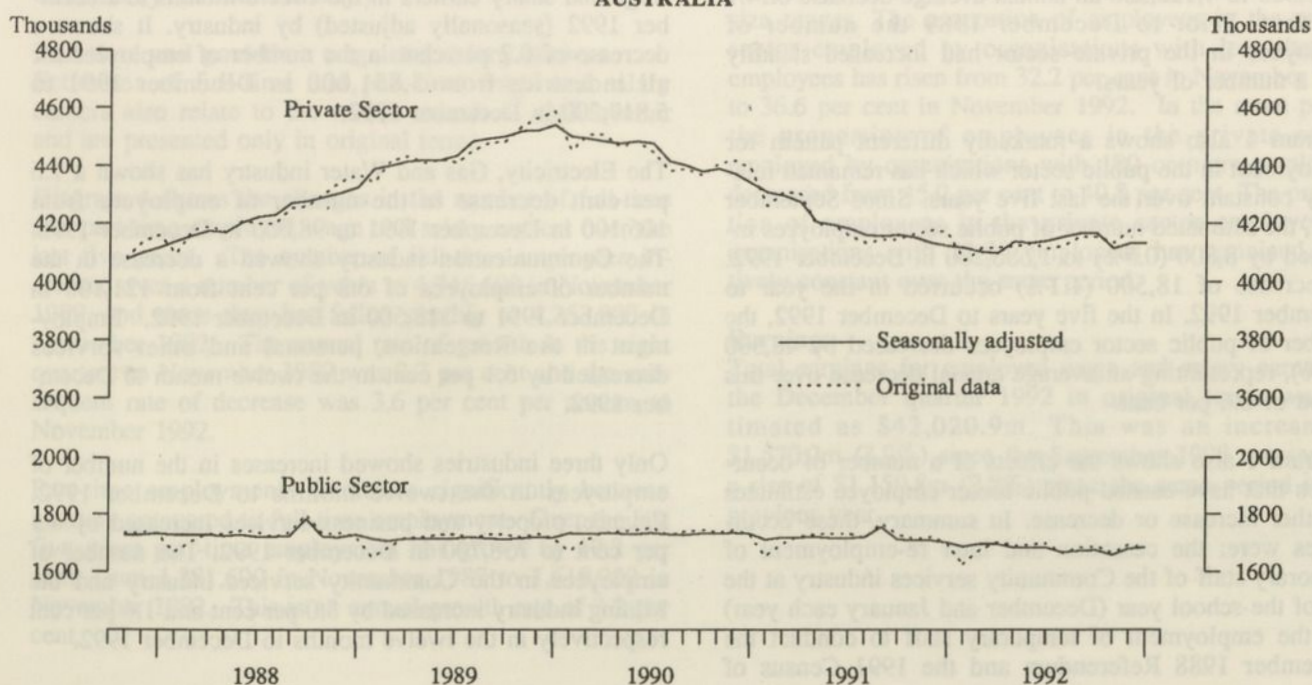
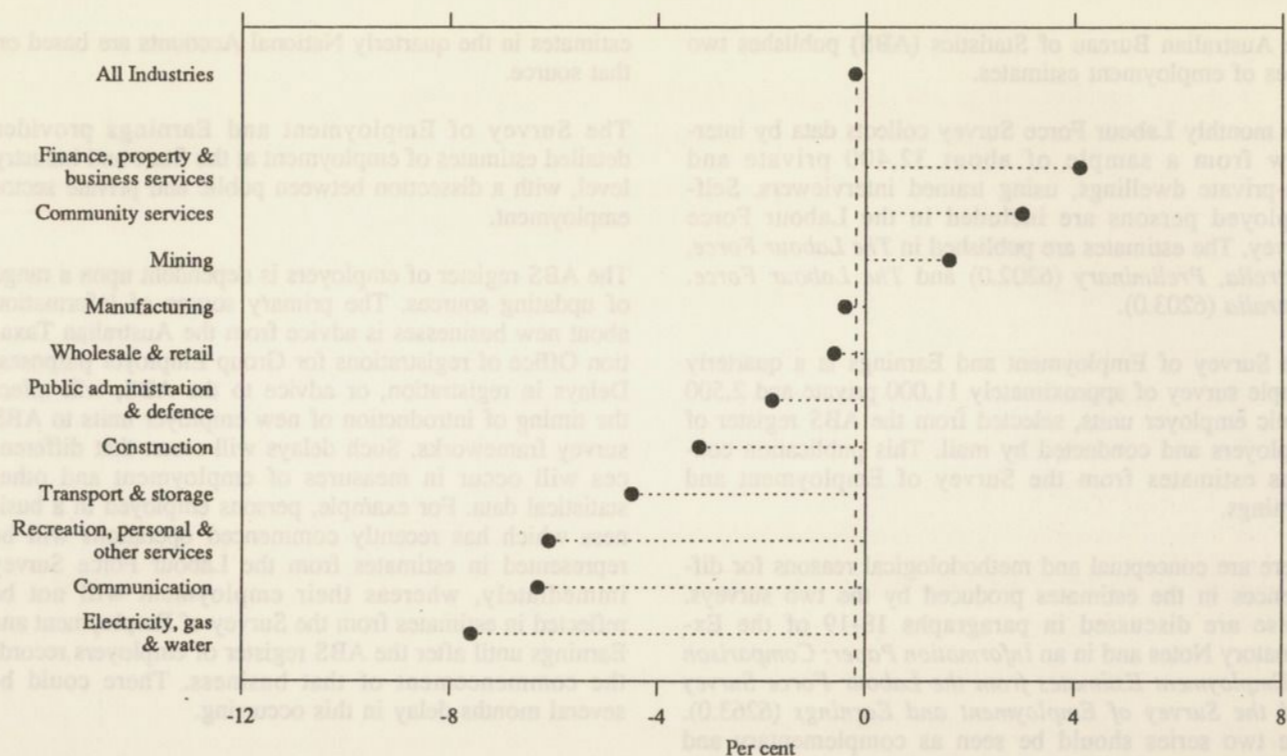




DIAGRAM 2: EMPLOYED WAGE AND SALARY EARNERS,  
SEASONALLY ADJUSTED: AUSTRALIA, INDUSTRIES,  
PERCENTAGE CHANGE IN EMPLOYMENT  
DECEMBER 1991 - DECEMBER 1992



Source: Table 11

sector employees was 4,131,000, a decrease of 39,300 (0.9%) since September. In the twelve months to December 1992 the number of private sector employees increased by 4,800 (0.1%). This compares to the previous two years when from December 1989 to December 1991 the number of private sector employees decreased from 4,543,300 to 4,126,300 an annual average decrease of 4.7 per cent. Prior to December 1989 the number of employees in the private sector had increased steadily over a number of years.

Diagram 1 also shows a markedly different pattern for employment in the public sector which has remained relatively constant over the last five years. Since September 1992, the estimated number of public sector employees increased by 8,800 (0.5%) to 1,686,200 in December 1992. A decrease of 18,500 (1.1%) occurred in the year to December 1992. In the five years to December 1992, the number of public sector employees decreased by 48,500 (2.8%), representing an average annual decrease over this period of 0.6 per cent.

Diagram 1 also shows the effects of a number of occurrences that have caused public sector employee estimates to either increase or decrease. In summary, these occurrences were: the cessation and later re-employment of temporary staff of the Community services industry at the end of the school year (December and January each year) and the employment of temporary staff to conduct the September 1988 Referendum and the 1991 Census of

Population and Housing (August 1991). Further details of these occurrences were provided in previous editions of this publication.

#### Industries

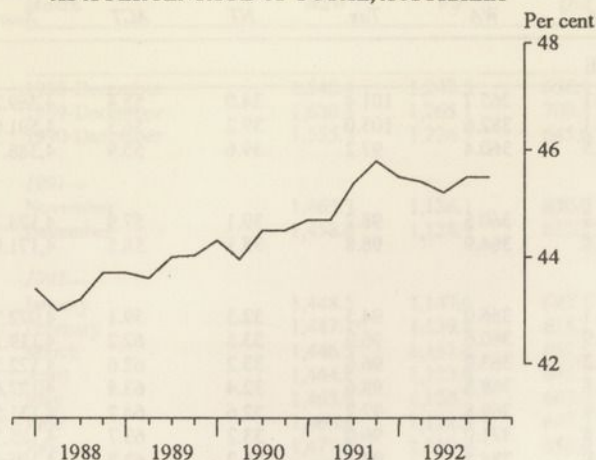
Diagram 2 shows the percentage change in employed wage and salary earners in the twelve months to December 1992 (seasonally adjusted) by industry. It shows a decrease of 0.2 per cent in the number of employees for all industries from 5,831,000 in December 1991 to 5,817,200 in December 1992.

The Electricity, Gas and Water industry has shown a 7.6 per cent decrease in the number of employees from 106,100 in December 1991 to 98,000 in December 1992. The Communication industry showed a decrease in the number of employees of 6.3 per cent from 121,100 in December 1991 to 113,500 in December 1992. Employment in the Recreation, personal and other services decreased by 6.1 per cent in the twelve month to December 1992.

Only three industries showed increases in the number of employees in the twelve months to December 1992. Finance, property and business services increased by 4.1 per cent to 758,700 in December 1992. The number of employees in the Community services industry and the Mining industry increased by 3.0 per cent and 1.6 per cent respectively in the twelve months to December 1992.



DIAGRAM 3. FEMALE WAGE AND SALARY EARNERS  
AS A PERCENTAGE OF TOTAL, AUSTRALIA



Source: See table 4.

#### Male and female wage and salary earners

Estimates of male and female wage and salary earners relate to the middle month of each quarter and are presented only in original terms rather than seasonally adjusted. For the year to November 1992, the number of female employees decreased by 0.4 per cent while the number of male employees decreased by 0.6 per cent.

Diagram 3 shows the number of female wage and salary earners as a proportion of total wage and salary earners. In November 1992 the number of female employees was 2,674,000 which is 45.5 per cent of total wage and salary earners. This proportion grew steadily from 43.4 per cent in November 1987 to 45.5 per cent in November 1991 and has since remained relatively steady. (The seasonal fall, between November and February each year, was principally due to the decrease in the number of part-time female employees in the education component of the Community services industry.)

#### Full-time and part-time wage and salary earners

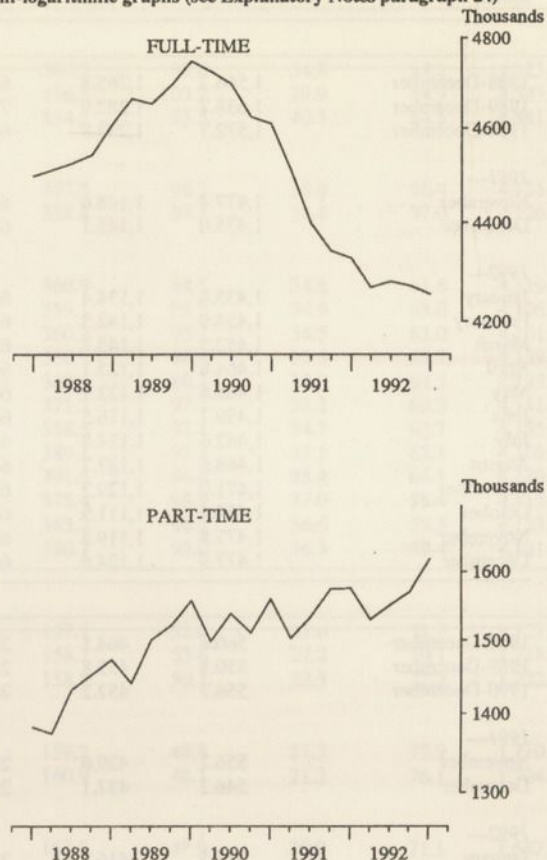
Estimates of full-time and part-time wage and salary earners also relate to the middle month of each quarter and are presented only in original terms.

Diagram 4 shows the changes in the number of full-time and part-time employed wage and salary earners over the last five years. The number of full-time employees increased over a number of years to 4,745,600 in November 1989, and since then has fallen steadily to 4,253,800 in November 1992. The annual rate of growth in the eight quarters to November 1989 was 2.7 per cent and the subsequent rate of decrease was 3.6 per cent per annum to November 1992.

Part-time employment fluctuates significantly between quarters compared to full-time employment. Over the last five years part-time employment has grown by 17.2 per cent, from 1,381,600 in November 1987 to 1,618,900 in November 1992. This is an annual growth rate of 3.2 per cent.

DIAGRAM 4. EMPLOYED WAGE AND SALARY EARNERS,  
PERSONS, AUSTRALIA

Semi-logarithmic graphs (see Explanatory Notes paragraph 24)



Source: See table 9.

#### Employer unit size

Estimates presented in Table 20 show the concentration of employees in the private sector employer units in three size ranges. The proportion of employees in the private sector employed by organisations with less than 20 employees has risen from 32.2 per cent in November 1989 to 36.6 per cent in November 1992. In the same period the proportion of employees in the private sector employed by organisations with 100 or more employees decreased from 45.0 per cent to 40.8 per cent. The proportion of employees in the private sector employed by organisations with 20-99 employees has remained relatively constant over the same period.

#### Earnings

Total earnings for employed wage and salary earners in the December quarter 1992 in original terms was estimated as \$42,020.9m. This was an increase of \$1,570.2m (3.9%) since the September 1992 quarter and a rise of \$1,150.8m (2.8%) since the same period in the previous year.



TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PERSONS ('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1988-December	1,566.2	1,265.8	640.5	340.1	365.7	101.4	34.0	55.4	4,369.2
1989-December	1,638.7	1,282.9	715.2	372.1	382.6	105.0	39.2	56.3	4,591.9
1990-December	1,572.7	1,243.8	651.6	367.5	360.4	97.2	39.6	55.9	4,388.7
1991—									
November	1,477.4	1,148.6	641.6	355.3	360.5	98.2	39.1	57.9	4,178.7
December	1,475.0	1,145.1	638.7	352.8	364.9	98.8	38.1	58.5	4,171.9
1992—									
January	1,435.8	1,134.4	632.0	328.1	356.0	94.5	32.3	59.1	4,072.3
February	1,454.9	1,142.3	636.8	331.9	360.6	96.9	33.5	62.2	4,119.1
March	1,452.3	1,145.7	638.0	330.3	363.9	96.6	33.2	62.6	4,122.5
April	1,464.8	1,125.1	640.8	333.4	368.8	98.6	32.4	63.8	4,127.6
May	1,465.8	1,123.7	642.3	335.4	369.8	97.7	32.6	64.2	4,131.5
June	1,459.7	1,116.5	642.8	332.4	371.0	96.0	33.2	63.7	4,115.3
July	1,462.6	1,114.8	645.9	323.0	384.5	96.4	35.2	63.3	4,125.6
August	1,468.6	1,127.7	652.7	327.4	385.3	94.9	36.2	63.6	4,156.4
September	1,471.0	1,129.3	650.0	324.4	386.6	95.4	36.4	63.8	4,156.9
October	1,454.4	1,111.9	668.9	325.4	380.6	95.2	37.9	59.7	4,134.1
November	1,473.8	1,119.3	674.2	329.0	386.4	96.2	37.1	60.9	4,177.0
December	1,477.9	1,124.6	666.3	328.4	387.2	96.6	35.7	61.0	4,177.7
PUBLIC									
1988-December	560.8	464.1	246.0	152.1	155.9	53.0	21.7	70.8	1,724.3
1989-December	550.8	452.8	257.0	150.5	157.4	54.7	22.3	69.8	1,715.2
1990-December	556.7	452.2	264.0	154.1	157.4	51.2	22.4	71.9	1,729.9
1991—									
November	556.2	439.6	271.0	147.8	161.1	49.7	21.5	75.8	1,722.6
December	546.2	437.1	265.5	147.0	159.5	49.2	21.3	75.8	1,701.5
1992—									
January	516.5	416.7	260.8	142.3	156.5	45.8	20.7	70.1	1,629.3
February	541.6	423.7	268.6	146.6	158.8	45.9	20.7	70.6	1,676.6
March	552.5	427.4	274.0	149.0	160.0	48.2	20.9	71.3	1,703.3
April	543.2	430.0	270.2	146.3	160.3	49.5	20.6	72.0	1,692.0
May	545.2	432.0	271.3	145.7	162.1	49.2	20.7	71.8	1,698.0
June	549.1	433.1	273.0	147.1	160.3	47.7	20.8	71.6	1,702.7
July	519.8	427.9	270.4	146.2	160.0	49.9	20.4	70.9	1,665.6
August	537.5	432.6	270.2	144.7	159.0	49.5	20.2	71.1	1,684.8
September	538.2	436.2	271.4	145.2	161.2	47.3	20.3	71.7	1,691.5
October	517.4	430.1	275.4	144.4	160.4	48.3	18.9	71.5	1,666.4
November	538.8	432.6	278.1	143.7	163.5	48.1	19.0	72.1	1,695.8
December	534.5	429.3	277.4	143.3	160.7	46.8	18.8	72.1	1,682.7
PRIVATE AND PUBLIC									
1988-December	2,127.0	1,729.9	886.5	492.3	521.6	154.3	55.7	126.2	6,093.5
1989-December	2,189.5	1,735.7	972.2	522.6	540.0	159.7	61.5	126.0	6,307.2
1990-December	2,129.4	1,696.0	915.6	521.6	517.9	148.4	62.0	127.9	6,118.6
1991—									
November	2,033.6	1,588.2	912.6	503.1	521.6	147.9	60.6	133.7	5,901.4
December	2,021.2	1,582.1	904.2	499.9	524.4	147.9	59.4	134.3	5,873.4
1992—									
January	1,952.2	1,551.1	892.7	470.4	512.5	140.3	53.0	129.2	5,701.5
February	1,996.5	1,566.0	905.4	478.5	519.5	142.8	54.2	132.8	5,795.7
March	2,004.7	1,573.2	912.0	479.2	523.9	144.7	54.1	133.9	5,825.8
April	2,008.0	1,555.1	911.0	479.7	529.1	148.1	53.0	135.7	5,819.6
May	2,011.0	1,555.7	913.6	481.2	531.9	146.9	53.4	135.9	5,829.5
June	2,008.9	1,549.6	915.7	479.5	531.2	143.7	54.0	135.3	5,818.0
July	1,982.4	1,542.7	916.3	469.2	544.6	146.3	55.6	134.2	5,791.2
August	2,006.1	1,560.3	922.9	472.1	544.2	144.3	56.5	134.8	5,841.1
September	2,009.2	1,565.5	921.4	469.5	547.8	142.8	56.7	135.5	5,848.4
October	1,971.9	1,542.0	944.3	469.8	541.0	143.5	56.8	131.2	5,800.6
November	2,012.5	1,551.9	952.3	472.7	549.9	144.2	56.1	133.0	5,872.8
December	2,012.4	1,553.9	943.7	471.7	547.9	143.4	54.4	133.0	5,860.4



TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS ('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1988-December	1,548.4	1,248.5	636.4	341.8	360.2	99.6	34.8	54.2	4,323.8
1989-December	1,620.4	1,265.1	709.3	374.0	376.5	103.2	39.9	54.9	4,543.3
1990-December	1,555.3	1,226.5	645.6	369.4	354.5	95.5	40.3	54.5	4,341.6
1991—									
November	1,463.3	1,136.1	630.0	355.5	357.5	98.2	38.6	56.4	4,135.5
December	1,458.6	1,128.9	632.5	354.6	358.8	97.1	38.8	57.0	4,126.3
1992—									
January	1,448.5	1,147.6	643.1	328.8	360.9	94.5	34.6	61.6	4,119.6
February	1,447.1	1,139.8	638.1	328.4	359.1	95.6	34.9	63.0	4,106.1
March	1,446.5	1,137.4	637.8	326.2	360.2	95.3	34.5	63.0	4,101.0
April	1,464.8	1,133.6	646.2	331.5	368.7	98.6	32.5	63.7	4,139.5
May	1,463.9	1,130.7	643.0	332.4	369.0	98.1	32.0	64.5	4,133.6
June	1,466.6	1,128.3	647.3	333.3	371.7	97.1	32.2	65.3	4,141.8
July	1,477.9	1,119.4	651.0	324.7	388.5	97.1	34.7	62.7	4,155.9
August	1,477.6	1,127.3	651.7	329.8	389.1	95.3	35.1	63.1	4,169.0
September	1,477.9	1,128.2	650.1	326.8	391.5	96.4	35.4	64.1	4,170.4
October	1,449.9	1,107.8	659.9	328.0	378.4	95.9	37.0	58.4	4,115.3
November	1,459.7	1,106.9	661.9	329.2	383.2	96.2	36.6	59.3	4,133.0
December	1,461.4	1,108.6	659.6	330.0	380.7	95.0	36.3	59.4	4,131.1
PUBLIC									
1988-December	562.7	464.5	247.9	151.2	157.1	52.0	21.6	71.3	1,727.8
1989-December	552.6	452.8	259.1	149.6	158.7	53.6	22.2	70.1	1,718.2
1990-December	558.7	452.1	266.2	153.1	158.8	50.1	22.3	72.2	1,732.9
1991—									
November	551.9	437.4	269.2	146.5	159.2	48.8	21.3	75.9	1,710.1
December	548.2	436.9	267.7	146.1	160.9	48.1	21.2	76.1	1,704.7
1992—									
January	537.0	427.0	271.3	149.1	163.8	47.9	20.9	71.1	1,687.4
February	549.4	428.3	270.5	148.8	161.0	48.1	21.1	70.9	1,697.8
March	550.4	428.0	272.5	148.8	159.1	48.5	21.0	71.0	1,699.9
April	539.8	429.9	267.8	145.7	158.9	49.5	20.6	71.6	1,684.6
May	538.8	429.9	268.3	145.1	161.1	48.5	20.7	71.1	1,684.6
June	541.5	430.6	271.1	145.9	156.7	47.2	20.5	70.5	1,685.6
July	522.8	426.9	269.4	146.0	161.8	50.0	20.4	71.1	1,668.3
August	534.4	429.1	268.8	143.7	158.0	48.5	20.3	71.4	1,673.1
September	532.6	432.8	271.1	143.6	159.0	47.3	20.2	71.9	1,677.4
October	516.2	429.3	273.9	143.2	160.1	47.8	18.8	71.6	1,660.8
November	534.7	430.3	276.2	142.4	161.5	47.2	18.9	72.2	1,683.2
December	536.6	429.1	279.8	142.3	162.1	45.7	18.7	72.4	1,686.2
PRIVATE AND PUBLIC									
1988-December	2,111.1	1,712.9	884.4	493.0	517.3	151.6	56.4	125.4	6,051.6
1989-December	2,173.0	1,717.9	968.4	523.5	535.2	156.8	62.2	125.0	6,261.5
1990-December	2,113.9	1,678.5	911.8	522.5	513.3	145.6	62.6	126.7	6,074.5
1991—									
November	2,015.2	1,573.4	899.3	502.0	516.7	147.0	59.9	132.3	5,845.7
December	2,006.8	1,565.8	900.2	500.7	519.7	145.2	60.0	133.1	5,831.0
1992—									
January	1,985.5	1,574.6	914.4	478.0	524.7	142.5	55.5	132.7	5,807.0
February	1,996.5	1,568.1	908.7	477.1	520.1	143.7	56.1	133.9	5,803.9
March	1,996.9	1,565.4	910.3	475.0	519.3	143.8	55.5	134.0	5,800.9
April	2,004.7	1,563.4	913.9	477.2	527.6	148.1	53.1	135.4	5,824.1
May	2,002.7	1,560.6	911.3	477.6	530.1	146.6	52.6	135.6	5,818.2
June	2,008.1	1,559.0	918.4	479.2	528.3	144.3	52.7	135.8	5,827.5
July	2,000.7	1,546.3	920.4	470.7	550.2	147.0	55.1	133.8	5,824.2
August	2,012.1	1,556.4	920.5	473.5	547.1	143.8	55.4	134.5	5,842.2
September	2,010.5	1,561.0	921.1	470.4	550.5	143.6	55.6	136.1	5,847.8
October	1,966.1	1,537.1	933.8	471.2	538.5	143.8	55.8	130.0	5,776.1
November	1,994.4	1,537.2	938.2	471.6	544.7	143.3	55.5	131.5	5,816.1
December	1,998.0	1,537.6	939.4	472.4	542.9	140.7	55.0	131.8	5,817.2



TABLE 3. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS  
(\$m)

<i>Year/Quarter</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
PRIVATE									
1988-89	34,980.6	27,232.4	13,031.4	6,732.8	7,795.8	1,880.8	725.7	1,063.8	93,443.2
1989-90	39,244.1	30,297.9	14,929.9	7,608.8	8,588.2	2,181.5	870.0	1,156.9	104,877.2
1990-91	39,982.4	30,123.4	14,589.8	8,156.1	8,698.3	2,197.8	964.9	1,219.6	105,932.3
1991-92	39,513.3	28,614.4	15,025.2	7,873.7	9,160.4	2,289.1	879.5	1,377.8	104,733.6
1990—									
June	10,238.3	7,932.2	3,825.1	1,969.0	2,164.1	565.8	221.2	293.7	27,209.5
September	10,099.4	7,860.3	3,655.6	1,942.9	2,118.5	527.8	241.1	304.1	26,749.7
December	10,496.8	8,114.9	3,825.0	2,085.1	2,229.5	568.6	249.1	320.0	27,889.0
1991—									
March	9,661.4	7,150.6	3,504.9	2,054.0	2,115.4	551.1	223.3	290.4	25,551.2
June	9,724.9	6,997.5	3,604.3	2,074.1	2,235.0	550.3	251.4	305.0	25,742.4
September	9,832.2	6,985.1	3,667.3	2,036.3	2,193.5	568.8	262.6	306.3	25,852.2
December	10,109.1	7,465.9	3,877.9	2,084.9	2,330.2	592.0	234.4	347.5	27,041.9
1992—									
March	9,549.5	6,927.8	3,616.5	1,812.4	2,221.5	561.7	188.4	347.6	25,225.4
June	10,022.5	7,235.6	3,863.6	1,940.2	2,415.2	566.6	194.1	376.4	26,614.1
September	9,979.2	7,314.0	4,012.5	1,932.4	2,514.3	577.0	210.3	367.5	26,907.1
December	10,331.7	7,562.3	4,264.7	2,066.0	2,577.2	590.0	212.3	337.8	27,941.9
PUBLIC									
1988-89	15,064.6	11,900.7	6,429.6	3,845.7	4,031.6	1,309.7	629.9	2,152.6	45,364.5
1989-90	15,718.0	12,677.6	6,767.5	4,113.3	4,363.4	1,387.5	666.4	2,191.3	47,885.0
1990-91	16,633.1	13,386.1	7,185.0	4,486.4	4,607.5	1,399.6	683.2	2,460.6	50,841.4
1991-92	17,313.9	13,971.1	7,822.1	4,599.1	4,942.1	1,474.5	668.4	2,611.3	53,402.5
1990—									
June	3,941.7	3,264.0	1,765.2	1,054.4	1,070.9	330.3	156.3	536.6	12,119.4
September	4,161.4	3,309.1	1,751.9	1,135.7	1,204.1	353.1	189.1	631.6	12,736.0
December	4,187.2	3,448.7	1,881.8	1,128.6	1,138.9	374.7	166.5	590.4	12,916.7
1991—									
March	4,214.3	3,244.6	1,734.7	1,103.7	1,172.7	339.6	166.7	649.4	12,625.8
June	4,070.2	3,383.6	1,816.6	1,118.4	1,091.8	332.3	160.8	589.2	12,563.0
September	4,322.3	3,349.7	1,886.7	1,140.4	1,240.5	384.1	173.6	703.8	13,201.2
December	4,372.6	3,752.6	2,048.8	1,179.5	1,277.0	374.9	168.5	654.4	13,828.3
1992—									
March	4,337.9	3,448.2	1,933.8	1,155.9	1,229.8	366.2	172.2	669.2	13,313.4
June	4,281.2	3,420.6	1,952.7	1,123.3	1,194.8	349.3	154.0	583.8	13,059.7
September	4,372.3	3,465.4	2,006.1	1,196.7	1,278.4	376.6	177.8	670.4	13,543.6
December	4,332.2	3,766.0	2,290.4	1,144.9	1,319.5	372.3	169.1	684.6	14,079.0
PRIVATE AND PUBLIC									
1988-89	50,045.2	39,133.1	19,461.0	10,578.5	11,827.3	3,190.6	1,355.6	3,216.4	138,807.7
1989-90	54,962.1	42,975.5	21,697.4	11,722.1	12,951.7	3,569.0	1,536.4	3,348.1	152,762.2
1990-91	56,615.5	43,509.4	21,774.8	12,642.5	13,305.9	3,597.4	1,648.1	3,680.2	156,773.7
1991-92	56,827.3	42,585.5	22,847.3	12,472.8	14,102.5	3,763.7	1,547.9	3,989.1	158,136.1
1990—									
June	14,180.0	11,196.2	5,590.4	3,023.3	3,235.0	896.1	377.5	830.3	39,328.9
September	14,260.8	11,169.4	5,407.5	3,078.6	3,322.6	880.9	430.2	935.7	39,485.7
December	14,684.0	11,563.7	5,706.8	3,213.6	3,368.4	943.3	415.6	910.4	40,805.6
1991—									
March	13,875.7	10,395.3	5,239.6	3,157.8	3,288.1	890.7	390.0	939.9	38,177.0
June	13,795.1	10,381.1	5,420.9	3,192.5	3,326.8	882.6	412.3	894.2	38,305.4
September	14,154.5	10,334.9	5,554.0	3,176.7	3,434.0	953.0	436.2	1,010.1	39,053.4
December	14,481.6	11,218.5	5,926.7	3,264.4	3,607.2	966.9	402.9	1,001.9	40,870.1
1992—									
March	13,887.5	10,376.0	5,550.3	2,968.3	3,451.4	927.9	360.6	1,016.9	38,538.8
June	14,303.7	10,656.2	5,816.3	3,063.5	3,609.9	915.9	348.1	960.3	39,673.8
September	14,351.5	10,779.3	6,018.6	3,129.1	3,792.6	953.6	388.1	1,037.8	40,450.7
December	14,663.8	11,328.2	6,555.1	3,210.9	3,896.7	962.3	381.5	1,022.4	42,020.9



TABLE 4. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

State, Territory/Sector	Number of employees ('000)						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	\$m
	Persons	Persons	Persons	Males	Females	Persons	Persons	
New South Wales	2,021.2	2,009.2	1,971.9	1,097.5	915.1	2,012.5	2,012.4	14,663.8
Private	1,475.0	1,471.0	1,454.4	803.4	670.4	1,473.8	1,477.9	10,331.7
Public	546.2	538.2	517.4	294.0	244.7	538.8	534.5	4,332.2
Commonwealth	133.1	127.2	127.9	78.0	50.3	128.2	128.0	960.0
State	353.7	353.1	335.7	175.7	180.7	356.5	352.1	2,957.7
Local	59.4	57.9	53.8	40.3	13.8	54.1	54.4	414.5
Victoria	1,582.1	1,565.5	1,542.0	834.9	717.0	1,551.9	1,553.9	11,328.2
Private	1,145.1	1,129.3	1,111.9	612.7	506.6	1,119.3	1,124.6	7,562.3
Public	437.1	436.2	430.1	222.2	210.3	432.6	429.3	3,766.0
Commonwealth	101.5	98.4	96.6	58.4	38.0	96.4	96.3	922.3
State	290.3	293.2	288.0	141.0	149.5	290.5	286.6	2,582.0
Local	45.3	44.6	45.4	22.8	22.9	45.7	46.4	261.7
Queensland	904.2	921.4	944.3	521.2	431.1	952.3	943.7	6,555.1
Private	638.7	650.0	668.9	367.8	306.4	674.2	666.3	4,264.7
Public	265.5	271.4	275.4	153.4	124.7	278.1	277.4	2,290.4
Commonwealth	48.7	46.6	46.3	27.1	18.8	45.9	46.0	412.9
State	186.4	193.0	196.4	99.6	99.5	199.1	197.8	1,653.6
Local	30.4	31.9	32.7	26.7	6.3	33.1	33.6	223.9
South Australia	499.9	469.5	469.8	260.5	212.2	472.7	471.7	3,210.9
Private	352.8	324.4	325.4	184.1	144.9	329.0	328.4	2,066.0
Public	147.0	145.2	144.4	76.4	67.3	143.7	143.3	1,144.9
Commonwealth	29.3	27.5	27.2	17.9	9.4	27.3	27.2	220.0
State	108.4	108.4	108.0	52.1	55.0	107.0	106.8	860.4
Local	9.4	9.2	9.2	6.4	3.0	9.4	9.3	64.4
Western Australia	524.4	547.8	541.0	310.1	239.8	549.9	547.9	3,896.7
Private	364.9	386.6	380.6	224.8	161.6	386.4	387.2	2,577.2
Public	159.5	161.2	160.4	85.3	78.2	163.5	160.7	1,319.5
Commonwealth	26.3	24.8	24.5	14.8	9.6	24.4	24.4	216.6
State	121.3	124.6	124.0	62.7	64.3	127.0	124.1	1,027.5
Local	11.9	11.8	11.9	7.8	4.3	12.1	12.1	75.4
Tasmania	147.9	142.8	143.5	78.0	66.2	144.2	143.4	962.3
Private	98.8	95.4	95.2	52.2	44.0	96.2	96.6	590.0
Public	49.2	47.3	48.3	25.9	22.2	48.1	46.8	372.3
Commonwealth	8.8	8.5	8.4	5.5	3.0	8.4	8.4	76.3
State	36.2	34.6	35.6	17.2	18.1	35.4	33.9	267.6
Local	4.1	4.1	4.3	3.2	1.1	4.3	4.4	28.4
Northern Territory	59.4	56.7	56.8	30.0	26.1	56.1	54.4	381.5
Private	38.1	36.4	37.9	20.4	16.6	37.1	35.7	212.3
Public	21.3	20.3	18.9	9.6	9.5	19.0	18.8	169.1
Commonwealth	4.1	3.9	3.8	2.1	1.7	3.9	3.8	33.9
State	15.9	15.2	13.9	6.7	7.3	13.9	13.7	127.8
Local	1.2	1.2	1.2	0.8	0.5	1.2	1.2	7.5
Australian Capital Territory	134.3	135.5	131.2	66.4	66.6	133.0	133.0	1,022.4
Private	58.5	63.8	59.7	27.9	33.1	60.9	61.0	337.8
Public	75.8	71.7	71.5	38.6	33.5	72.1	72.1	684.6
Commonwealth	52.4	52.6	52.2	30.1	22.6	52.7	52.6	538.4
State	23.5	19.1	19.3	8.5	10.9	19.4	19.4	146.2
Australia	5,873.4	5,848.4	5,800.6	3,198.8	2,674.0	5,872.8	5,860.4	42,020.9
Private	4,171.9	4,156.9	4,134.1	2,293.4	1,883.5	4,177.0	4,177.7	27,941.9
Public	1,701.5	1,691.5	1,666.4	905.3	790.5	1,695.8	1,682.7	14,079.0
Commonwealth	404.1	389.6	386.9	233.9	153.3	387.2	386.7	3,380.5
State	1,135.7	1,141.2	1,120.9	563.4	585.4	1,148.8	1,134.4	9,622.7
Local	161.6	160.7	158.6	108.0	51.8	159.8	161.5	1,075.9



TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS

State, Territory/Sector	Number of employees ('000)				
	December 1991	September 1992	October 1992	November 1992	December 1992
New South Wales	2,006.8	2,010.5	1,966.1	1,994.4	1,998.0
Private	1,458.6	1,477.9	1,449.9	1,459.7	1,461.4
Public	548.2	532.6	516.2	534.7	536.6
Commonwealth	133.0	127.8	128.1	128.0	128.0
State	356.4	346.9	334.3	352.9	354.8
Local	58.8	57.9	53.7	53.8	53.9
Victoria	1,565.8	1,561.0	1,537.1	1,537.2	1,537.6
Private	1,128.9	1,128.2	1,107.8	1,106.9	1,108.6
Public	436.9	432.8	429.3	430.3	429.1
Commonwealth	101.8	99.1	97.1	96.9	96.6
State	290.4	289.3	286.7	288.1	286.6
Local	44.7	44.5	45.5	45.3	45.9
Queensland	900.2	921.1	933.8	938.2	939.4
Private	632.5	650.1	659.9	661.9	659.6
Public	267.7	271.1	273.9	276.2	279.8
Commonwealth	49.0	46.9	46.4	46.2	46.3
State	188.2	192.3	194.7	197.0	199.7
Local	30.5	31.9	32.8	33.0	33.8
South Australia	500.7	470.4	471.2	471.6	472.4
Private	354.6	326.8	328.0	329.2	330.0
Public	146.1	143.6	143.2	142.4	142.3
Commonwealth	29.3	27.5	27.3	27.4	27.2
State	107.4	106.8	106.7	105.7	105.8
Local	9.3	9.2	9.2	9.4	9.3
Western Australia	519.7	550.5	538.5	544.7	542.9
Private	358.8	391.5	378.4	383.2	380.7
Public	160.9	159.0	160.1	161.5	162.1
Commonwealth	26.3	25.0	24.6	24.4	24.5
State	122.7	122.2	123.7	125.1	125.6
Local	11.8	11.9	11.8	12.0	12.0
Tasmania	145.2	143.6	143.8	143.3	140.7
Private	97.1	96.4	95.9	96.2	95.0
Public	48.1	47.3	47.8	47.2	45.7
State	35.3	34.4	35.2	34.5	33.0
Northern Territory	60.0	55.6	55.8	55.5	55.0
Private	38.8	35.4	37.0	36.6	36.3
Public	21.2	20.2	18.8	18.9	18.7
Australian Capital Territory	133.1	136.1	130.0	131.5	131.8
Private	57.0	64.1	58.4	59.3	59.4
Public	76.1	71.9	71.6	72.2	72.4
Australia	5,831.0	5,847.8	5,776.1	5,816.1	5,817.2
Private	4,126.3	4,170.4	4,115.3	4,133.0	4,131.1
Public	1,704.7	1,677.4	1,660.8	1,683.2	1,686.2
Commonwealth	404.9	390.6	388.0	387.8	387.5
State	1,139.7	1,126.2	1,114.5	1,136.6	1,138.7
Local	160.1	160.6	158.4	158.7	160.0



TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PUBLIC INSTITUTIONAL SECTOR

State, Territory/Sector	Public Trading Enterprises		Financial Enterprises		General Government Enterprises		Total Public	
	November 1992	December Quarter 1992	November 1992	December Quarter 1992	November 1992	December Quarter 1992	November 1992	December Quarter 1992
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
New South Wales								
Total Public	125.2	976.2	30.5	263.6	383.0	3,092.3	538.8	4,332.2
Commonwealth	61.0	375.3	20.1	170.1	47.1	414.6	128.2	960.0
State	56.5	539.6	10.4	93.5	289.5	2,324.6	356.5	2,957.7
Local	7.7	61.3	—	—	46.4	353.1	54.1	414.5
Victoria								
Total Public	94.5	1,009.0	22.6	180.6	315.5	2,576.3	432.6	3,766.0
Commonwealth	43.8	461.5	17.1	133.6	35.5	327.2	96.4	922.3
State	49.5	536.5	5.5	47.0	235.5	1,998.4	290.5	2,582.0
Local	1.2	11.0	—	—	44.5	250.7	45.7	261.7
Queensland								
Total Public	37.3	342.4	9.1	70.4	231.8	1,877.7	278.1	2,290.4
Commonwealth	19.4	190.0	6.8	51.7	19.7	171.2	45.9	412.9
State	12.6	112.3	2.3	18.7	184.3	1,522.6	199.1	1,653.6
Local	5.3	40.2	—	—	27.8	183.8	33.1	223.9
South Australia								
Total Public	25.3	197.5	7.6	59.1	110.8	888.4	143.7	1,144.9
Commonwealth	13.0	92.7	2.7	20.7	11.6	106.7	27.3	220.0
State	12.2	104.4	4.9	38.4	89.9	717.6	107.0	860.4
Local	0.1	0.4	—	—	9.3	64.1	9.4	64.4
Western Australia								
Total Public	29.5	255.1	7.7	57.5	126.3	1,006.5	163.5	1,319.5
Commonwealth	9.7	89.6	3.3	24.4	11.4	102.6	24.4	216.6
State	19.7	165.6	4.4	33.1	102.8	828.4	127.0	1,027.5
Local	—	—	—	—	12.1	75.4	12.1	75.4
Tasmania								
Total Public	6.9	67.3	0.8	6.2	40.4	298.8	48.1	372.3
Commonwealth	2.9	28.3	0.8	5.9	4.7	42.1	8.4	76.3
State	3.6	36.3	—	0.2	31.7	231.1	35.4	267.6
Local	0.3	2.7	—	—	4.0	25.7	4.3	28.4
Northern Territory								
Total Public	0.9	7.0	0.3	2.1	17.8	160.0	19.0	169.1
Commonwealth	0.9	7.0	0.2	1.8	2.7	25.1	3.9	33.9
State	—	—	—	0.3	13.9	127.5	13.9	127.8
Local	—	—	—	—	1.2	7.5	1.2	7.5
Australian Capital Territory								
Total Public	5.4	47.5	1.5	12.9	65.3	624.3	72.1	684.6
Commonwealth	3.0	25.0	1.3	11.7	48.4	501.6	52.7	538.4
State	2.4	22.4	0.2	1.2	16.8	122.6	19.4	146.2
Australia								
Total Public	324.8	2,902.1	80.1	652.4	1,290.8	10,524.3	1,695.8	14,079.0
Commonwealth	153.7	1,269.3	52.5	420.0	181.0	1,691.2	387.2	3,380.5
State	156.6	1,517.1	27.6	232.4	964.5	7,872.9	1,148.8	9,622.7
Local	14.6	115.6	—	—	145.2	960.2	159.8	1,075.9

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,  
PUBLIC INSTITUTIONAL SECTOR, NOVEMBER 1992  
PERSONS ('000)

Industry	Public Trading Enterprises	Financial Enterprises	General Government Enterprises	Total Public
Agriculture, forestry, fishing and hunting	0.4	—	4.3	4.7
Mining	4.7	—	—	4.7
Manufacturing	16.7	0.3	6.3	23.3
Electricity, gas and water	85.1	—	10.8	95.9
Construction	0.3	4.6	37.6	42.5
Wholesale and retail trade	1.7	0.1	0.8	2.6
Transport and storage	86.2	—	26.7	112.9
Communication	113.1	—	0.1	113.2
Finance, property and business services	5.6	74.3	23.4	103.4
Public administration and defence(a)	1.3	0.8	324.3	326.4
Community services	1.4	—	844.0	845.5
Recreation, personal and other services	8.2	—	12.5	20.7
<b>Total all industries</b>	<b>324.8</b>	<b>80.1</b>	<b>1,290.8</b>	<b>1,695.8</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,  
PUBLIC INSTITUTIONAL SECTOR, DECEMBER QUARTER 1992  
GROSS EARNINGS (\$m)

Industry	Public Trading Enterprises	Financial Enterprises	General Government Enterprises	Total Public
Agriculture, forestry, fishing and hunting	2.9	—	36.9	39.8
Mining	70.6	—	—	70.6
Manufacturing	147.7	2.8	51.9	202.3
Electricity, gas and water	834.1	—	90.2	924.3
Construction	3.7	38.7	319.7	362.1
Wholesale and retail trade	14.5	0.5	6.6	21.6
Transport and storage	883.4	—	253.4	1,136.9
Communication	815.9	—	1.0	816.9
Finance, property and business services	54.6	601.4	177.6	833.6
Public administration and defence(a)	10.9	9.0	2,571.8	2,591.7
Community services	14.2	—	6,896.9	6,911.5
Recreation, personal and other services	49.5	—	118.3	167.8
<b>Total all industries</b>	<b>2,902.1</b>	<b>652.4</b>	<b>10,524.3</b>	<b>14,079.0</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.



TABLE 9. EMPLOYED WAGE AND SALARY EARNERS — FULL-TIME AND PART-TIME(a) — NOVEMBER 1992

	Number of employees ( <sup>'000</sup> )					
	Full-time			Part-time		
	Males	Females	Persons	Males	Females	Persons
AUSTRALIA BY INDUSTRY						
Mining	67.1	7.2	74.3	2.1	1.2	3.2
Manufacturing	622.9	187.3	810.2	37.9	61.0	99.0
Electricity, gas and water	85.8	10.4	96.2	0.8	1.9	2.7
Construction	196.3	31.1	227.3	13.0	14.1	27.1
Wholesale trade	245.0	90.5	335.5	23.2	34.5	57.7
Retail trade	258.8	160.2	419.0	109.4	272.4	381.7
Transport and storage	185.6	43.3	229.0	25.5	14.2	39.7
Communication	81.5	24.7	106.2	1.6	6.4	8.0
Finance, property and business services	301.7	281.3	583.0	49.0	128.6	177.6
Public administration and defence(b)	185.0	95.4	280.4	10.3	35.7	46.0
Community services	390.2	494.4	884.5	92.2	419.3	511.5
Recreation, personal and other services(c)	115.1	88.7	203.7	95.2	169.1	264.4
<b>Total all industries(d)</b>	<b>2,738.5</b>	<b>1,515.3</b>	<b>4,253.8</b>	<b>460.2</b>	<b>1,158.7</b>	<b>1,618.9</b>
Private	1,904.8	983.6	2,888.3	388.7	900.0	1,288.6
Public	833.8	531.8	1,365.5	71.6	258.7	330.3
STATES AND TERRITORIES						
New South Wales	932.8	540.6	1,473.4	164.6	374.5	539.2
Victoria	721.5	402.5	1,124.0	113.4	314.5	427.9
Queensland	446.5	248.4	694.8	74.8	182.7	257.5
South Australia	223.9	106.4	330.3	36.6	105.8	142.4
Western Australia	266.6	128.5	395.1	43.5	111.3	154.8
Tasmania	66.7	32.5	99.2	11.4	33.7	45.0
Northern Territory	23.9	15.9	39.8	6.1	10.2	16.3
Australian Capital Territory	56.6	40.6	97.2	9.8	26.0	35.9

(a) See Explanatory Notes, paragraph 19. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (c) Excludes private households employing staff. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	71.0	72.5	72.7	64.5	8.3	72.8	72.7	967.4
Manufacturing	880.6	875.2	881.9	641.1	244.8	885.9	879.8	7,206.4
Electricity, gas and water	3.3	3.1	3.1	2.4	0.7	3.0	3.1	29.4
Construction	221.4	211.8	212.3	175.2	36.8	212.0	210.0	1,640.5
Wholesale and retail trade	1,213.8	1,191.3	1,173.0	634.6	556.7	1,191.3	1,207.0	6,578.7
Transport and storage	155.8	151.3	151.9	113.4	42.4	155.8	155.0	1,205.9
Road transport	83.2	86.3	87.0	71.5	18.4	89.9	89.1	591.8
Other transport and storage	72.6	64.9	65.0	41.8	24.0	65.9	66.0	614.1
Finance, property and business services	627.8	653.9	654.3	307.4	349.8	657.2	660.3	5,081.3
Banking	93.4	91.2	91.6	36.9	55.1	91.9	91.9	742.0
Non-bank finance and investment	70.5	67.5	70.7	30.4	40.9	71.3	71.5	626.7
Insurance and services to insurance	71.9	65.0	64.7	28.2	36.7	64.9	64.8	536.3
Property and business services	392.0	430.3	427.4	211.9	217.1	429.0	432.1	3,176.4
Community services	530.5	549.9	541.5	153.9	396.7	550.6	549.0	3,320.5
Health	244.4	250.2	249.8	45.6	204.1	249.7	251.5	1,514.2
Education, museum and library services	121.0	118.7	113.9	34.8	82.8	117.7	113.8	789.3
Welfare and religious institutions	93.9	101.7	98.5	25.8	74.4	100.2	99.7	457.6
Other community services	71.3	79.3	79.3	47.7	35.3	83.0	84.1	559.5
Recreation, personal and other services(a)	467.0	447.0	442.2	200.2	247.1	447.4	439.7	1,903.5
Entertainment and recreational services	100.7	100.5	98.3	53.0	48.8	101.9	96.2	498.2
Restaurants, hotels; personal services	366.3	346.5	343.9	147.2	198.3	345.5	343.5	1,405.3
<b>Total all industries(b)</b>	<b>4,171.9</b>	<b>4,156.9</b>	<b>4,134.1</b>	<b>2,293.4</b>	<b>1,883.5</b>	<b>4,177.0</b>	<b>4,177.7</b>	<b>27,941.9</b>
COMMONWEALTH GOVERNMENT								
Manufacturing	17.5	16.6	15.9	13.0	2.8	15.8	15.7	144.2
Electricity, gas and water	0.8	0.7	0.7	0.6	0.1	0.7	0.7	6.8
Construction	5.3	4.2	4.4	3.9	*0.5	4.3	4.3	*42.2
Wholesale and retail trade	1.2	0.9	0.7	0.4	0.2	0.7	0.7	7.0
Transport and storage	36.8	29.9	30.5	22.1	8.2	30.3	30.2	373.5
Communication	120.3	117.2	113.7	82.3	30.8	113.1	112.6	815.9
Finance, property and business services	59.6	57.6	57.3	23.5	33.6	57.0	56.9	473.3
Public administration and defence(c)	105.2	104.3	106.2	56.8	49.7	106.5	106.5	952.5
Community services	49.2	49.7	49.6	27.0	23.8	50.8	51.5	476.7
Recreation, personal and other services(a)	8.2	8.5	7.9	4.5	3.6	8.0	7.8	88.3
<b>Total all industries(d)</b>	<b>404.1</b>	<b>389.6</b>	<b>386.9</b>	<b>233.9</b>	<b>153.3</b>	<b>387.2</b>	<b>386.7</b>	<b>3,380.5</b>

See footnotes at end of table.



TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
STATE GOVERNMENT								
Agriculture, forestry, fishing and hunting	6.9	5.1	4.7	3.7	0.9	4.6	4.7	39.3
Mining	5.0	4.8	4.7	4.6	0.1	4.7	4.5	70.6
Manufacturing	7.4	6.9	6.9	6.2	0.7	6.8	6.6	53.2
Electricity, gas and water	80.5	76.4	79.8	69.3	10.1	79.4	78.5	787.3
Construction	32.2	32.4	32.1	25.6	6.4	32.0	31.5	275.1
Wholesale and retail trade	1.5	1.5	1.5	1.0	0.5	1.6	1.6	12.2
Transport and storage	86.4	81.1	81.1	74.1	6.8	80.9	80.9	750.1
Finance, property and business services	45.9	47.4	46.0	19.7	26.5	46.2	45.9	359.2
Public administration and defence(c)	94.3	86.5	85.5	52.7	33.9	86.6	86.6	769.6
Community services	760.5	785.8	766.0	301.0	492.3	793.3	780.7	6,427.4
Recreation, personal and other services	14.9	13.3	12.4	5.4	7.0	12.5	12.9	77.7
Total all industries(b)	1,135.7	1,141.2	1,120.9	563.4	585.4	1,148.8	1,134.4	9,622.7
LOCAL GOVERNMENT								
Electricity, gas and water	21.5	20.6	16.0	14.3	1.4	15.7	15.7	130.2
Public administration and defence(c)	134.5	129.8	132.0	85.9	47.4	133.3	135.0	869.6
Other industries	5.6	10.3	10.6	7.8	2.9	10.8	10.8	76.0
Total all industries	161.6	160.7	158.6	108.0	51.8	159.8	161.5	1,075.9

See footnotes at end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
TOTAL PUBLIC								
Agriculture, forestry, fishing and hunting	7.0	5.2	4.8	3.8	0.9	4.7	4.8	39.8
Mining	5.0	4.8	4.7	4.6	0.1	4.7	4.5	70.6
Manufacturing	25.8	24.2	23.4	19.8	3.6	23.3	23.0	202.3
Electricity, gas and water	102.8	97.7	96.5	84.2	11.7	95.9	94.9	924.3
Construction	38.9	42.4	42.5	34.1	8.4	42.5	42.0	362.1
Wholesale and retail trade	2.7	2.8	2.5	1.7	0.9	2.6	2.6	21.6
Transport and storage	124.8	112.8	113.4	97.7	15.2	112.9	112.8	1,136.9
Road transport	14.3	13.7	13.9	12.6	1.3	13.9	13.8	122.8
Other transport and storage	110.6	99.0	99.5	85.1	13.9	99.0	98.9	1,014.0
Communication	120.5	117.3	113.9	82.4	30.9	113.2	112.7	816.9
Finance, property and business services	105.6	105.1	103.4	43.3	60.1	103.4	102.9	833.6
Banking	63.6	61.3	61.1	24.8	35.9	60.8	60.5	486.9
Non-bank finance and investment	2.2	2.3	2.3	1.0	1.3	2.3	2.3	18.7
Insurance and services to insurance	15.8	16.2	15.1	5.9	9.1	15.1	15.1	130.6
Property and business services	23.9	25.3	24.9	11.5	13.7	25.2	25.1	197.4
Public administration and defence(c)	334.0	320.6	323.8	195.3	131.0	326.4	328.1	2,591.7
Community services	811.0	836.6	817.0	328.5	517.0	845.5	833.5	6,911.5
Health	291.8	277.7	283.6	74.1	209.4	283.5	283.5	2,161.7
Education, museum and library services	382.0	419.1	393.5	161.7	259.4	421.1	408.4	3,505.3
Welfare and religious institutions	24.0	26.2	26.0	7.5	18.4	25.9	25.8	188.7
Other community services	113.2	113.7	113.8	85.2	29.7	115.0	115.9	1,055.8
Recreation, personal and other services	23.4	22.1	20.6	10.1	10.7	20.7	21.0	167.8
Total all industries	1,701.5	1,691.5	1,666.4	905.3	790.5	1,695.8	1,682.7	14,079.0
PRIVATE AND PUBLIC								
Mining	75.9	77.2	77.4	69.1	8.4	77.5	77.2	1,038.0
Coal	27.9	25.1	25.2	24.1	0.8	24.9	24.6	409.8
Other mining	48.1	52.1	52.2	45.0	7.6	52.6	52.5	628.2
Manufacturing	906.4	899.3	905.4	660.8	248.4	909.2	902.8	7,408.7
Food, beverages and tobacco	164.6	163.8	161.5	111.8	52.0	163.8	161.4	1,250.0
Textiles	27.0	26.7	28.1	17.4	10.9	28.2	28.5	220.1
Clothing	44.2	39.8	42.3	10.5	32.5	43.0	42.5	261.9
Footwear	6.4	6.5	6.3	2.8	3.5	6.3	6.2	40.5
Wood and wood products	38.3	40.1	39.1	34.2	5.5	39.7	40.3	280.4
Furniture and mattresses	28.6	31.2	32.3	25.9	6.5	32.5	32.8	211.7
Paper and paper products	17.9	17.1	17.7	14.4	3.2	17.7	17.7	197.9
Printing and allied industries	87.3	84.5	80.1	49.3	31.5	80.8	80.2	645.5
Chemicals	50.3	49.7	49.5	32.0	17.4	49.3	49.4	471.2
Petroleum and coal products	7.1	6.9	7.1	6.2	0.9	7.1	7.0	107.3
Non-metallic mineral products	35.1	37.8	36.5	32.8	3.9	36.7	36.2	338.0
Basic iron and steel	37.8	33.5	32.7	30.0	2.6	32.6	32.4	344.1
Other basic metal products	24.2	24.2	24.9	22.8	2.2	25.1	25.1	262.2
Fabricated metal products	86.8	84.7	84.7	70.3	14.6	85.0	83.6	642.6
Motor vehicles and parts	55.2	56.5	56.4	44.8	10.3	55.1	54.6	488.3
Other transport equipment	25.9	26.5	26.6	24.0	2.5	26.5	26.1	231.7
Other machinery and equipment	113.5	116.5	121.5	92.5	30.4	122.9	121.5	986.7
Miscellaneous manufacturing	56.3	53.1	58.2	39.2	17.9	57.1	57.3	428.7

See footnotes at end of table.



TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC—continued								
Electricity, gas and water	106.1	100.8	99.5	86.6	12.3	98.9	98.0	953.7
Electricity and gas	68.9	66.3	65.9	57.5	8.1	65.6	64.9	669.6
Water, sewerage and drainage	37.2	34.6	33.6	29.1	4.2	33.3	33.1	284.1
Construction	260.2	254.2	254.8	209.2	45.2	254.4	252.0	2,002.6
Wholesale and retail trade	1,216.5	1,194.1	1,175.6	636.3	557.6	1,193.9	1,209.6	6,600.3
Wholesale trade	381.5	387.4	391.5	268.1	125.1	393.2	391.1	3,023.0
Retail trade	834.9	806.7	784.1	368.2	432.5	800.7	818.5	3,577.3
Motor vehicles, petrol, tyres	175.2	173.5	177.7	141.4	38.2	179.6	179.2	1,066.3
Other retail trade	659.8	633.2	606.5	226.8	394.3	621.1	639.3	2,511.0
Transport and storage	280.7	264.0	265.3	211.1	57.6	268.7	267.8	2,342.8
Road transport	97.5	100.0	100.9	84.1	19.7	103.8	102.9	714.6
Rail transport	74.3	67.2	66.6	61.7	4.5	66.2	65.7	605.2
Water transport	8.0	7.5	7.3	5.6	1.8	7.4	7.5	62.9
Air transport	29.9	31.2	31.5	20.3	11.2	31.5	31.6	391.6
Other transport and storage	71.0	58.0	59.0	39.4	20.4	59.8	60.0	568.5
Communication	121.3	118.4	115.0	83.1	31.2	114.3	113.8	825.1
Finance, property and business services	733.4	759.0	757.7	350.7	409.9	760.5	763.3	5,914.9
Banking	157.1	152.5	152.7	61.7	91.0	152.7	152.4	1,228.8
Non-bank finance	30.0	27.4	27.2	10.0	17.3	27.2	27.4	228.2
Investment; services to finance and investment	42.7	42.4	45.8	21.5	25.0	46.4	46.5	417.1
Insurance and services to insurance	87.7	81.1	79.8	34.1	45.9	80.0	79.9	666.9
Property and business services	415.9	455.6	452.3	223.4	230.8	454.2	457.2	3,373.8
Public administration and defence(c)	334.0	320.6	323.8	195.3	131.0	326.4	328.1	2,591.7
Commonwealth government admin.	82.0	82.6	83.9	42.2	42.1	84.3	84.6	771.2
State government admin.	88.2	78.9	78.3	48.6	30.8	79.4	79.3	706.9
Local government admin.	136.0	131.3	133.3	86.7	47.9	134.7	136.4	877.6
Other public admin. and defence(c)	27.8	27.7	28.2	17.8	10.2	28.0	27.8	236.0
Community services	1,341.5	1,386.6	1,358.5	482.4	913.7	1,396.1	1,382.5	10,232.0
Health	536.2	527.9	533.5	119.7	413.5	533.2	534.9	3,675.8
Education, museum and library services	503.0	537.7	507.3	196.5	342.2	538.7	522.1	4,294.6
Welfare and religious institutions	117.9	127.9	124.5	33.3	92.9	126.1	125.5	646.3
Other community services	184.5	193.0	193.1	132.9	65.1	198.0	200.0	1,615.3
Recreation, personal and other services(a)	490.4	469.1	462.8	210.3	257.8	468.1	460.6	2,071.3
Entertainment and recreational services	120.8	120.0	116.2	62.1	57.8	120.0	114.7	652.5
Restaurants, hotels; personal services	369.6	349.1	346.6	148.2	200.0	348.1	346.0	1,418.8
<b>Total all industries(d)</b>	<b>5,873.4</b>	<b>5,848.4</b>	<b>5,800.6</b>	<b>3,198.8</b>	<b>2,674.0</b>	<b>5,872.8</b>	<b>5,860.4</b>	<b>42,020.9</b>

(a) Excludes private households employing staff. (b) Includes employees of enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, AUSTRALIA

Industry	Number of employees ( <sup>'000</sup> )				
	December 1991	September 1992	October 1992	November 1992	December 1992
Mining	75.0	78.2	76.9	77.3	76.2
Manufacturing	903.5	904.8	901.1	903.4	900.1
Construction	262.3	255.4	256.8	253.5	254.0
Wholesale and retail trade	1,186.2	1,200.5	1,171.3	1,179.4	1,179.3
Transport and storage	277.5	267.3	264.7	266.4	264.9
Communication	121.1	118.8	115.1	114.3	113.5
Finance, property and business services	729.0	762.8	758.2	758.4	758.7
Public administration and defence(a)	334.4	320.8	325.6	327.7	328.5
Community services	1,349.1	1,367.7	1,344.9	1,377.6	1,390.0
Recreation, personal and other services	482.2	473.0	463.5	462.1	453.0
<b>Total all industries(b)(c)</b>	<b>5,831.0</b>	<b>5,847.8</b>	<b>5,776.1</b>	<b>5,816.1</b>	<b>5,817.2</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (b) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (c) Derived indirectly by the addition of seasonally adjusted private and public sector estimates, not by the summation of the component industries because not all industries are seasonally adjusted.



TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES — SECTOR AND INDUSTRY

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Manufacturing	292.7	289.5	293.5	209.7	84.4	294.1	291.4	2,475.1
Electricity, gas and water; Construction	79.7	79.9	75.9	60.6	14.8	75.4	74.4	578.9
Wholesale and retail trade	423.2	428.5	419.2	228.6	197.0	425.6	433.3	2,519.5
Transport and storage	53.8	54.9	56.2	41.4	16.7	58.1	57.9	453.6
Finance, property and business services	252.8	260.9	263.3	125.7	141.4	267.0	269.3	2,236.6
Banking	36.6	33.3	33.2	13.3	20.0	33.4	33.3	284.7
Non-bank finance, investment and insurance	64.5	60.4	60.8	26.6	34.7	61.3	61.7	606.8
Property and business services	151.7	167.2	169.3	85.7	86.7	172.4	174.3	1,345.0
Community services	171.4	180.5	174.0	46.2	130.6	176.7	178.4	1,098.6
Health	78.9	80.8	80.1	15.5	63.8	79.3	81.3	489.8
Education, museum and library services	40.8	41.7	40.5	10.6	31.2	41.8	41.0	288.8
Welfare and other community services	51.8	58.0	53.4	20.1	35.6	55.7	56.1	320.1
Recreation, personal and other services(a)	180.8	158.1	153.6	74.4	84.1	158.6	155.4	698.7
<b>Total all industries(b)(e)</b>	<b>1,475.0</b>	<b>1,471.0</b>	<b>1,454.4</b>	<b>803.4</b>	<b>670.4</b>	<b>1,473.8</b>	<b>1,477.9</b>	<b>10,331.7</b>
PUBLIC								
Manufacturing	10.3	9.6	9.7	8.4	*1.3	9.7	9.5	82.4
Electricity, gas and water; Construction	48.6	46.8	46.4	39.2	7.1	46.3	46.2	422.1
Wholesale and retail trade	0.3	0.8	0.6	0.4	0.2	0.7	0.6	5.8
Transport and storage	44.7	40.6	40.3	34.0	6.3	40.3	40.5	420.9
Communication	42.9	41.5	41.1	29.9	10.9	40.7	40.5	134.7
Finance, property and business services	47.0	47.1	45.9	18.3	27.7	46.0	45.7	368.7
Banking	25.7	24.9	24.9	10.2	14.4	24.7	24.6	210.0
Non-bank finance, investment and insurance	5.7	6.4	5.4	2.0	3.4	5.4	5.4	47.4
Property and business services	15.6	15.8	15.6	6.0	9.9	15.9	15.7	111.3
Public administration and defence(c)	86.8	86.9	88.8	54.7	34.7	89.4	90.1	738.5
Community services	250.3	251.8	232.4	100.9	152.3	253.2	249.0	2,027.2
Health	91.2	83.8	87.7	22.8	64.9	87.7	88.1	677.7
Education, museum and library services	112.8	124.3	100.8	49.2	71.8	121.0	116.1	997.6
Welfare and other community services	46.3	43.8	43.9	28.9	15.6	44.5	44.7	351.9
Recreation, personal and other services	9.6	8.4	7.9	4.3	3.9	8.2	8.3	74.3
<b>Total all industries(d)(e)</b>	<b>546.2</b>	<b>538.2</b>	<b>517.4</b>	<b>294.0</b>	<b>244.7</b>	<b>538.8</b>	<b>534.5</b>	<b>4,332.2</b>

See footnotes at end of table.



TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	22.7	20.6	20.6	18.8	*1.3	20.1	19.5	307.1
Manufacturing	303.0	299.1	303.1	218.1	85.7	303.8	300.9	2,557.5
Food, beverages and tobacco	46.6	45.0	47.8	32.2	16.1	48.3	48.1	384.5
Textiles; clothing and footwear	23.6	23.3	24.4	9.5	15.3	24.8	24.2	171.6
Wood and wood products	13.0	14.9	12.5	11.0	1.5	12.5	12.8	89.8
Furniture and mattresses	7.4	7.5	8.4	6.9	1.5	8.5	8.4	60.8
Paper, paper products, printing and publishing	34.2	35.9	36.7	23.1	13.4	36.4	36.2	322.7
Chemical, petroleum and coal products	23.7	24.0	24.7	15.1	9.6	24.6	24.5	240.5
Non-metallic mineral products	10.9	12.9	12.7	11.5	1.3	12.8	12.8	120.6
Basic metal products	30.3	26.8	27.7	25.6	2.1	27.7	27.7	301.5
Fabricated metal products	31.1	30.0	29.7	23.7	5.7	29.4	28.4	221.5
Motor vehicles and parts	6.7	6.3	5.6	4.6	1.0	5.6	5.5	46.6
Other transport equipment	10.7	10.3	10.0	9.3	0.7	10.0	9.8	86.6
Other machinery and equipment	47.1	46.6	45.6	33.4	12.4	45.8	45.3	380.8
Miscellaneous manufacturing	17.8	15.7	17.3	12.2	5.1	17.3	17.2	130.1
Electricity, gas and water	37.8	36.6	36.5	31.2	5.2	36.4	36.4	336.9
Construction	90.5	90.1	85.8	68.6	16.7	85.3	84.2	664.1
Wholesale and retail trade	423.5	429.2	419.8	229.1	197.2	426.3	433.9	2,525.4
Wholesale trade	142.4	156.3	157.7	105.7	52.2	157.9	157.5	1,296.1
Retail trade	281.1	272.9	262.1	123.4	145.0	268.3	276.4	1,229.3
Motor vehicles, petrol, tyres	56.3	54.2	54.1	41.4	12.0	53.5	53.6	327.4
Other retail trade	224.8	218.7	208.0	81.9	132.9	214.9	222.8	901.9
Transport and storage	98.5	95.5	96.5	75.3	23.0	98.4	98.4	874.5
Road transport	30.4	34.3	35.2	29.2	7.4	36.6	36.5	274.5
Other transport and storage	68.2	61.2	61.3	46.2	15.6	61.8	61.9	600.0
Communication	43.2	42.0	41.7	30.2	11.0	41.3	41.0	138.6
Finance, property and business services	299.9	308.1	309.1	143.9	169.1	313.0	314.9	2,605.3
Banking	62.4	58.2	58.1	23.6	34.5	58.0	57.9	494.7
Non-bank finance and investment	38.6	34.7	35.4	15.4	20.4	35.8	36.0	363.9
Insurance and services to insurance	31.7	32.2	30.8	13.2	17.6	30.9	31.0	290.4
Property and business services	167.2	183.0	184.9	91.7	96.6	188.3	190.1	1,456.3
Public administration and defence(c)	86.8	86.9	88.8	54.7	34.7	89.4	90.1	738.5
Commonwealth government admin.	20.8	21.0	21.7	10.5	11.4	21.9	22.0	189.6
State government admin.	16.4	17.8	17.8	9.1	8.8	17.9	18.2	173.1
Local government admin.	42.4	41.5	42.1	30.1	12.3	42.4	42.7	318.1
Other public admin. and defence(c)	7.2	6.6	7.2	4.9	2.2	7.2	7.2	57.8
Community services	421.7	432.4	406.3	147.1	282.9	430.0	427.4	3,125.7
Health	170.0	164.5	167.8	38.3	128.7	167.0	169.4	1,167.4
Education, museum and library services	153.6	166.0	141.2	59.8	103.0	162.8	157.1	1,286.4
Welfare and other community services	98.0	101.8	97.3	49.0	51.2	100.2	100.9	671.9
Recreation, personal and other services(a)	190.4	166.5	161.5	78.7	88.0	166.7	163.7	773.0
Entertainment and recreational services	53.2	41.2	38.8	22.0	21.9	43.9	39.7	238.4
Restaurants, hotels; personal services	137.2	125.2	122.7	56.7	66.2	122.9	124.0	534.6
Total all industries(d)	2,021.2	2,009.2	1,971.9	1,097.5	915.1	2,012.5	2,012.4	14,663.8

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

(e) Includes employees classified to Mining.



TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	4.9	4.5	4.2	3.7	0.5	4.2	4.5	63.3
Manufacturing	299.8	296.2	293.4	204.9	87.6	292.5	292.8	2,412.7
Electricity, gas and water; Construction	56.7	50.5	48.8	40.6	7.9	48.6	49.7	364.0
Wholesale and retail trade	321.3	303.4	294.4	160.7	138.1	298.8	303.8	1,653.0
Transport and storage	37.0	37.0	40.1	30.6	10.8	41.4	40.7	291.0
Finance, property and business services	166.3	173.8	172.0	82.3	90.3	172.6	172.4	1,343.5
Banking	27.8	27.6	27.7	12.0	15.8	27.8	27.8	240.0
Non-bank finance, investment and insurance	39.7	31.4	33.7	15.7	18.3	34.0	34.1	276.2
Property and business services	98.8	114.7	110.6	54.7	56.2	110.8	110.5	827.2
Community services	154.7	158.1	158.0	44.5	115.3	159.8	158.8	1,008.5
Health	60.6	68.1	69.9	*13.5	56.3	69.8	69.9	456.5
Education, museum and library services	40.6	38.1	37.5	10.3	27.8	38.0	37.1	265.9
Welfare and other community services	53.4	51.9	50.6	20.7	31.2	51.9	51.7	286.1
Recreation, personal and other services(a)	104.4	105.8	100.9	45.3	56.0	101.3	101.7	425.0
<b>Total all industries(b)</b>	<b>1,145.1</b>	<b>1,129.3</b>	<b>1,111.9</b>	<b>612.7</b>	<b>506.6</b>	<b>1,119.3</b>	<b>1,124.6</b>	<b>7,562.3</b>
PUBLIC								
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	0.4
Mining	2.0	1.9	1.9	1.8	—	1.9	1.8	25.6
Manufacturing	6.2	6.0	5.5	4.2	*1.3	5.5	5.5	56.1
Electricity, gas and water; Construction	37.6	37.0	36.1	30.6	5.4	35.9	34.8	382.2
Wholesale and retail trade	0.7	0.3	0.3	0.2	0.2	0.3	0.4	3.5
Transport and storage	30.2	27.6	28.0	24.1	3.7	27.8	27.9	307.3
Communication	35.7	35.4	33.5	23.8	9.5	33.3	33.2	343.4
Finance, property and business services	21.2	20.4	20.1	7.9	12.2	20.0	20.0	162.7
Banking	17.2	15.8	15.7	6.0	9.5	15.6	15.5	123.3
Non-bank finance, investment and insurance	3.3	3.3	3.3	1.1	2.1	3.2	3.2	26.2
Property and business services	*0.7	*1.4	*1.2	*0.7	*0.5	*1.2	*1.2	*13.2
Public administration and defence(c)	86.6	80.5	81.3	43.5	38.2	81.7	82.1	574.2
Community services	212.4	221.3	218.2	83.9	136.9	220.8	218.4	1,873.7
Health	81.1	78.8	79.3	20.7	58.2	78.9	77.9	633.2
Education, museum and library services	96.7	106.0	102.1	40.4	64.9	105.3	103.8	884.5
Welfare and other community services	34.6	36.6	36.9	22.7	13.9	36.6	36.7	356.1
Recreation, personal and other services	4.6	5.7	5.1	2.2	2.9	5.2	5.3	36.8
<b>Total all industries</b>	<b>437.1</b>	<b>436.2</b>	<b>430.1</b>	<b>222.2</b>	<b>210.3</b>	<b>432.6</b>	<b>429.3</b>	<b>3,766.0</b>

See footnotes at end of table.



TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	6.9	6.4	6.1	5.5	0.6	6.1	6.3	88.9
Manufacturing	306.0	302.2	298.9	209.1	88.9	298.0	298.3	2,468.9
Food, beverages and tobacco	49.8	48.4	45.8	30.1	16.0	46.1	46.6	355.2
Textiles; clothing and footwear	37.4	35.1	37.1	15.7	21.9	37.6	37.8	252.7
Wood and wood products	7.2	6.4	7.9	6.9	1.1	8.0	7.9	55.0
Furniture and mattresses	9.8	11.7	10.7	8.5	2.1	10.7	11.0	65.6
Paper, paper products, printing and publishing	39.6	34.1	30.9	21.3	10.1	31.4	31.2	262.0
Chemical, petroleum and coal products	21.3	20.4	19.5	13.2	6.1	19.3	19.5	214.3
Non-metallic mineral products	8.1	10.4	8.8	7.8	1.0	8.9	8.7	83.9
Basic metal products	11.3	10.4	9.4	8.3	1.2	9.5	9.4	88.1
Fabricated metal products	25.7	27.5	26.7	21.5	5.1	26.6	26.8	218.2
Motor vehicles and parts	30.6	30.8	31.0	23.1	6.4	29.6	29.3	272.9
Other transport equipment	6.1	6.9	7.0	6.0	0.9	6.9	6.7	66.5
Other machinery and equipment	35.6	38.4	39.9	29.8	10.1	39.9	39.3	340.0
Miscellaneous manufacturing	23.4	21.7	24.2	16.8	6.8	23.6	24.2	194.5
Electricity, gas and water	28.5	27.7	26.6	23.2	3.2	26.4	25.3	296.4
Construction	65.7	59.7	58.3	48.0	10.2	58.2	59.1	449.7
Wholesale and retail trade	322.0	303.7	294.7	160.9	138.2	299.2	304.2	1,656.5
Wholesale trade	105.5	94.4	93.3	64.5	29.3	93.8	92.9	728.9
Retail trade	216.4	209.3	201.4	96.4	108.9	205.4	211.3	927.5
Motor vehicles, petrol, tyres	44.8	47.0	52.1	43.3	10.5	53.8	53.4	316.3
Other retail trade	171.7	162.2	149.3	53.1	98.5	151.5	157.9	611.3
Transport and storage	67.2	64.6	68.1	54.7	14.6	69.2	68.6	598.4
Road transport	24.5	24.0	26.3	21.7	*5.7	27.4	26.6	165.6
Other transport and storage	42.6	40.6	41.8	33.0	8.9	41.8	42.0	432.8
Communication	35.7	35.5	33.6	23.9	9.6	33.5	33.3	344.6
Finance, property and business services	187.5	194.1	192.2	90.1	102.5	192.7	192.4	1,506.2
Banking	45.0	43.4	43.4	18.0	25.4	43.4	43.4	363.3
Non-bank finance and investment	19.0	13.9	16.0	7.5	8.5	16.0	16.2	121.9
Insurance and services to insurance	24.0	20.8	21.0	9.3	11.9	21.2	21.1	180.5
Property and business services	99.5	116.1	111.8	55.3	56.7	112.1	111.7	840.4
Public administration and defence(c)	86.6	80.5	81.3	43.5	38.2	81.7	82.1	574.2
Commonwealth government admin.	13.2	13.3	13.8	6.8	7.1	13.9	13.9	116.5
State government admin.	21.1	16.6	16.1	10.2	6.0	16.3	15.9	148.9
Local government admin.	43.7	42.9	43.9	21.7	22.4	44.1	44.9	248.7
Other public admin. and defence(c)	8.7	7.7	7.6	4.8	2.7	7.5	7.4	60.1
Community services	367.1	379.4	376.2	128.4	252.2	380.6	377.2	2,882.2
Health	141.7	146.9	149.2	34.3	114.4	148.7	147.9	1,089.7
Education, museum and library services	137.4	144.1	139.5	50.7	92.7	143.3	141.0	1,150.4
Welfare and other community services	88.0	88.4	87.5	43.4	45.1	88.5	88.4	642.2
Recreation, personal and other services(a)	109.0	111.5	105.9	47.5	58.9	106.4	107.0	461.8
Entertainment and recreational services	28.3	31.4	30.5	15.1	15.0	30.1	30.4	168.4
Restaurants, hotels; personal services	80.7	80.2	75.5	32.5	43.9	76.4	76.6	293.4
Total all industries(d)	1,582.1	1,565.5	1,542.0	834.9	717.0	1,551.9	1,553.9	11,328.2

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.



TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	17.3	21.4	21.6	19.4	2.5	21.9	22.3	280.4
Manufacturing	112.1	119.4	125.2	93.8	33.1	126.9	124.0	924.4
Electricity, gas and water; Construction	37.6	36.3	39.9	33.5	6.5	39.9	38.2	313.4
Wholesale and retail trade	206.6	196.2	200.0	103.9	98.5	202.4	203.2	1,059.0
Transport and storage	26.6	26.6	26.7	19.2	7.1	26.3	26.3	188.3
Finance, property and business services	82.7	92.2	94.9	42.4	51.2	93.6	95.3	667.6
Banking	14.1	14.3	14.9	5.6	9.4	15.0	15.0	107.5
Non-bank finance, investment and insurance	15.1	16.8	16.8	7.0	9.8	16.9	16.7	106.9
Property and business services	53.4	61.0	63.2	29.8	32.1	61.8	63.7	453.2
Community services	74.4	79.8	78.5	20.9	60.1	81.0	78.1	473.5
Health	39.5	37.3	36.6	6.6	30.3	36.9	36.5	227.1
Education, museum and library services	16.6	17.0	14.6	*5.2	10.7	15.9	14.0	102.9
Welfare and other community services	18.3	*25.5	27.3	*9.1	19.1	28.2	27.6	*143.5
Recreation, personal and other services(a)	81.4	78.0	82.1	34.9	47.3	82.2	78.8	358.1
<b>Total all industries(b)</b>	<b>638.7</b>	<b>650.0</b>	<b>668.9</b>	<b>367.8</b>	<b>306.4</b>	<b>674.2</b>	<b>666.3</b>	<b>4,264.7</b>
PUBLIC								
Agriculture, forestry, fishing and hunting	0.9	0.3	0.1	0.1	*0.0	0.1	0.1	0.5
Manufacturing	4.4	3.7	3.7	3.6	0.2	3.8	3.7	30.9
Electricity, gas and water; Construction	18.6	20.5	20.7	17.5	3.0	20.6	20.7	170.2
Wholesale and retail trade	0.7	0.8	0.8	0.5	0.3	0.8	0.7	5.6
Transport and storage	24.1	22.2	22.5	19.9	2.4	22.3	22.0	195.5
Communication	18.6	17.8	17.1	12.5	4.4	16.9	16.9	162.0
Finance, property and business services	12.0	12.7	12.7	5.6	7.1	12.7	12.7	102.3
Banking	6.8	6.7	6.7	2.7	4.0	6.6	6.6	49.8
Non-bank finance, investment and insurance	3.2	3.3	3.3	1.3	2.0	3.3	3.3	28.8
Property and business services	2.1	2.7	2.7	1.6	1.1	2.7	2.7	23.7
Public administration and defence(c)	57.0	56.2	57.8	39.5	19.1	58.6	58.8	430.9
Community services	126.9	134.9	137.9	53.0	87.2	140.3	139.7	1,173.1
Health	40.9	38.6	39.6	10.5	29.3	39.8	40.0	287.3
Education, museum and library services	64.5	74.8	77.0	27.8	51.0	78.9	77.8	714.1
Welfare and other community services	21.6	21.6	21.3	14.7	6.9	21.6	21.9	171.6
Recreation, personal and other services	2.2	2.1	2.2	1.2	0.9	2.1	2.1	19.6
<b>Total all industries</b>	<b>265.5</b>	<b>271.4</b>	<b>275.4</b>	<b>153.4</b>	<b>124.7</b>	<b>278.1</b>	<b>277.4</b>	<b>2,290.4</b>

See footnotes at end of table.



TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	17.3	21.4	21.6	19.4	2.5	21.9	22.3	280.4
Coal	9.5	8.7	8.6	8.1	0.5	8.5	8.6	140.8
Other mining	7.8	12.7	13.0	11.3	2.0	13.3	13.7	139.6
Manufacturing	116.5	123.2	129.0	97.4	33.3	130.7	127.7	955.3
Food, beverages and tobacco	31.7	35.3	34.9	25.3	9.8	35.0	32.2	261.6
Textiles; clothing and footwear	5.0	6.5	6.7	1.7	5.1	6.7	6.7	39.9
Wood and wood products	7.4	7.6	8.0	6.8	1.5	8.3	8.7	51.2
Furniture and mattresses	5.3	6.3	6.7	5.0	*1.8	6.7	6.8	41.7
Paper,paper products,printing and publishing	9.7	11.6	11.2	6.6	4.5	11.1	11.1	85.9
Chemical, petroleum and coal products	*6.1	5.4	5.5	4.3	1.2	5.5	5.5	50.2
Non-metallic mineral products	6.8	6.3	6.8	6.2	*0.6	6.8	6.6	62.8
Basic metal products	6.9	6.3	6.3	5.7	0.6	6.3	6.4	60.2
Fabricated metal products	14.1	12.0	13.1	11.2	1.9	13.1	13.2	91.8
Motor vehicles and parts	3.3	3.4	4.1	3.5	0.5	4.0	3.9	28.3
Other transport equipment	4.5	5.0	5.2	4.7	0.4	5.2	5.2	41.9
Other machinery and equipment	9.9	10.6	12.8	11.5	2.4	13.9	13.5	92.4
Miscellaneous manufacturing	5.9	6.9	7.8	4.9	3.0	7.9	8.0	47.1
Electricity, gas and water	14.1	12.4	12.4	10.8	1.4	12.2	12.2	108.0
Construction	42.1	44.5	48.2	40.2	8.1	48.3	46.7	375.6
Wholesale and retail trade	207.3	197.0	200.8	104.3	98.8	203.1	203.9	1,064.7
Wholesale trade	60.0	54.9	57.3	39.8	17.8	57.6	56.6	419.3
Retail trade	147.3	142.1	143.5	64.6	81.0	145.6	147.3	645.4
Motor vehicles, petrol, tyres	32.9	31.3	30.5	23.0	7.6	30.7	30.8	176.2
Other retail trade	114.4	110.8	113.0	41.5	73.3	114.9	116.5	469.2
Transport and storage	50.7	48.9	49.2	39.1	9.5	48.6	48.3	383.9
Road transport	16.7	18.2	19.0	15.7	2.9	18.6	18.9	125.0
Other transport and storage	34.0	30.6	30.2	23.4	6.6	30.0	29.4	258.8
Communication	18.6	17.8	17.1	12.5	4.4	16.9	16.9	162.0
Finance, property and business services	94.7	104.9	107.6	48.0	58.3	106.3	108.0	769.9
Banking	20.9	21.0	21.6	8.3	13.3	21.6	21.6	157.3
Non-bank finance and investment	5.1	8.0	8.2	3.3	4.9	8.3	8.2	63.0
Insurance and services to insurance	13.2	12.1	*11.9	*5.0	*6.9	*12.0	*11.8	72.6
Property and business services	55.5	63.7	65.9	31.4	33.1	64.5	66.4	476.9
Public administration and defence(c)	57.0	56.2	57.8	39.5	19.1	58.6	58.8	430.9
Commonwealth government admin.	8.9	8.8	8.9	4.1	4.8	8.9	8.9	74.1
State government admin.	20.3	21.9	23.0	15.5	8.1	23.6	23.1	185.5
Local government admin.	24.6	21.6	22.1	17.7	4.7	22.5	23.0	143.6
Other public admin. and defence(c)	3.3	3.9	3.8	2.2	1.5	3.7	3.8	27.7
Community services	201.3	214.7	216.4	73.9	147.4	221.3	217.8	1,646.5
Health	80.4	75.9	76.2	17.0	59.7	76.7	76.4	514.4
Education, museum and library services	81.1	91.7	91.6	33.0	61.8	94.8	91.8	817.0
Welfare and other community services	39.9	47.1	48.6	23.9	25.9	49.8	49.6	315.1
Recreation, personal and other services(a)	83.7	80.1	84.3	36.1	48.2	84.3	80.9	377.7
Entertainment and recreational services	16.6	13.9	16.3	9.4	7.0	16.3	15.3	103.7
Restaurants, hotels; personal services	67.1	66.2	68.0	26.7	41.2	67.9	65.6	274.0
Total all industries(d)	904.2	921.4	944.3	521.2	431.1	952.3	943.7	6,555.1

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.



TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Manufacturing	90.5	82.6	84.6	65.5	19.4	84.9	84.1	690.8
Electricity, gas and water; Construction	13.6	12.0	11.6	9.6	2.1	11.7	11.7	90.0
Wholesale and retail trade	101.4	93.7	94.1	49.5	46.2	95.8	96.6	464.6
Transport and storage	14.5	*13.6	*12.5	*10.0	2.7	*12.8	*13.6	*123.6
Finance, property and business services	40.3	46.0	45.3	20.1	25.3	45.4	45.1	292.7
Banking	4.8	4.8	4.9	2.0	2.9	4.9	4.9	33.7
Non-bank finance, investment and insurance	9.6	12.0	12.0	4.4	7.7	12.0	11.8	82.4
Property and business services	25.9	29.2	28.5	13.8	14.7	28.5	28.4	176.7
Community services	55.2	45.1	45.2	13.6	31.9	45.5	45.6	248.7
Health	31.4	25.4	25.0	3.2	21.9	25.1	25.4	134.9
Education, museum and library services	9.1	*6.9	*6.6	*2.9	*3.8	*6.8	*6.6	*43.6
Welfare and other community services	*14.7	*12.8	13.5	*7.5	6.1	13.6	13.5	*70.1
Recreation, personal and other services(a)	34.7	28.7	29.5	13.6	16.8	30.4	29.3	129.4
<b>Total all industries(b)(e)</b>	<b>352.8</b>	<b>324.4</b>	<b>325.4</b>	<b>184.1</b>	<b>144.9</b>	<b>329.0</b>	<b>328.4</b>	<b>2,066.0</b>
PUBLIC								
Manufacturing	3.3	3.0	3.0	2.7	0.3	3.0	3.0	21.8
Electricity, gas and water; Construction	14.2	12.9	12.9	11.2	1.6	12.8	12.7	109.3
Wholesale and retail trade	0.4	*0.3	0.2	0.1	0.1	0.2	0.2	1.8
Transport and storage	9.0	7.8	7.7	6.9	0.8	7.7	7.6	76.8
Communication	8.6	8.6	*8.5	*6.3	*2.2	*8.5	*8.5	*54.2
Finance, property and business services	10.2	9.7	9.7	4.5	5.1	9.6	9.6	75.0
Banking	5.7	5.7	5.7	2.7	3.0	5.7	5.7	45.3
Non-bank finance, investment and insurance	2.4	1.9	1.9	0.8	1.1	1.9	1.9	13.8
Property and business services	2.1	2.1	2.1	1.1	1.0	2.0	2.0	15.9
Public administration and defence(c)	21.3	19.9	20.0	12.5	7.7	20.2	19.9	156.5
Community services	76.9	79.6	79.4	30.9	48.1	79.0	79.0	630.2
Health	30.2	29.2	29.4	7.3	22.0	29.2	29.2	220.1
Education, museum and library services	34.8	36.6	36.4	14.2	21.9	36.1	36.0	292.8
Welfare and other community services	12.0	13.9	13.6	9.5	4.2	13.7	13.8	117.3
Recreation, personal and other services	2.1	2.5	2.2	0.7	1.3	2.0	2.0	12.1
<b>Total all industries(d)(e)</b>	<b>147.0</b>	<b>145.2</b>	<b>144.4</b>	<b>76.4</b>	<b>67.3</b>	<b>143.7</b>	<b>143.3</b>	<b>1,144.9</b>

See footnotes at end of table.



TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Manufacturing	93.7	85.6	87.6	68.1	19.8	87.9	87.1	712.6
Food, beverages and tobacco	16.6	15.4	14.4	11.0	3.9	14.9	14.8	109.3
Textiles; clothing and footwear	7.2	4.1	4.4	2.1	2.0	4.1	4.1	30.7
Wood and wood products	4.9	4.3	4.1	3.7	0.6	4.2	4.2	34.4
Furniture and mattresses	2.6	2.7	3.5	2.9	*0.6	3.5	3.6	22.8
Paper,paper products,printing and publishing	8.3	7.3	7.0	4.8	2.5	7.3	7.1	59.3
Chemical, petroleum and coal products	2.5	2.5	2.7	2.2	*0.5	2.7	2.7	31.8
Non-metallic mineral products	2.9	3.2	3.0	2.6	0.4	3.0	3.0	26.0
Basic metal products	6.4	6.0	6.2	5.8	0.4	6.2	5.9	72.1
Fabricated metal products	7.4	6.0	6.5	5.6	1.0	6.6	6.4	44.2
Motor vehicles and parts	12.6	13.9	13.4	11.4	2.0	13.5	13.4	121.4
Other transport equipment	2.5	2.4	2.4	2.2	0.2	2.4	2.5	19.9
Other machinery and equipment	13.7	12.5	14.7	10.8	3.6	14.5	14.5	106.8
Miscellaneous manufacturing	6.2	5.4	5.3	2.9	2.2	5.1	5.1	33.7
Electricity, gas and water	9.5	8.7	8.8	7.7	1.0	8.6	8.6	72.7
Construction	18.3	16.2	15.8	13.1	2.8	15.8	15.8	126.6
Wholesale and retail trade	101.8	94.0	94.3	49.6	46.3	96.0	96.8	466.3
Wholesale trade	29.7	34.3	34.7	23.1	12.0	35.1	34.9	220.1
Retail trade	72.0	59.7	59.6	26.5	34.3	60.9	61.9	246.2
Motor vehicles, petrol, tyres	16.0	12.1	12.5	10.1	2.3	12.4	12.4	67.8
Other retail trade	56.0	47.7	47.1	16.5	32.0	48.5	49.5	178.4
Transport and storage	23.5	*21.3	*20.3	*16.9	3.5	*20.5	*21.2	*200.4
Road transport	11.3	9.7	9.1	7.6	1.4	9.0	9.5	70.1
Other transport and storage	12.3	*11.6	*11.2	*9.3	2.2	*11.5	*11.7	*130.3
Communication	8.8	8.6	*8.5	*6.3	*2.2	*8.5	*8.5	*54.2
Finance, property and business services	50.6	55.7	55.0	24.6	30.4	55.0	54.7	367.7
Banking	10.5	10.6	10.6	4.6	6.0	10.6	10.5	79.0
Non-bank finance and investment	3.9	6.6	6.7	2.4	4.3	6.7	6.6	46.1
Insurance and services to insurance	8.1	7.3	7.2	2.7	4.4	7.2	7.1	50.1
Property and business services	28.0	31.3	30.5	14.8	15.7	30.5	30.4	192.6
Public administration and defence(c)	21.3	19.9	20.0	12.5	7.7	20.2	19.9	156.5
Commonwealth government admin.	6.4	5.2	5.6	2.5	3.1	5.7	5.6	47.3
State government admin.	5.1	5.0	4.8	3.3	1.5	4.8	4.9	42.3
Local government admin.	9.2	9.1	8.9	6.2	2.8	9.1	9.0	62.7
Other public admin. and defence(c)	0.6	0.6	0.6	0.4	0.2	0.6	0.4	4.1
Community services	132.2	124.7	124.6	44.5	80.0	124.4	124.5	878.8
Health	61.6	54.5	54.4	10.4	43.9	54.3	54.6	355.0
Education, museum and library services	43.9	43.5	43.0	17.1	25.7	42.8	42.6	336.4
Welfare and other community services	26.7	26.6	27.2	17.0	10.4	27.3	27.3	187.4
Recreation, personal and other services(a)	36.9	31.3	31.7	14.3	18.1	32.4	31.3	141.5
Entertainment and recreational services	8.1	8.1	8.7	4.3	3.9	8.2	8.3	36.5
Restaurants, hotels; personal services	28.8	23.2	23.0	10.0	14.2	24.2	23.0	104.9
Total all industries(d)(e)	499.9	469.5	469.8	260.5	212.2	472.7	471.7	3,210.9

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (e) Includes employees classified to mining.



TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE								
Mining	22.1	21.4	21.6	18.9	3.1	22.0	21.9	281.9
Manufacturing	57.6	61.3	59.3	47.5	14.0	61.5	62.0	477.4
Electricity, gas and water; Construction	22.5	24.0	26.2	23.1	*3.9	27.0	26.4	230.7
Wholesale and retail trade	106.1	110.6	108.5	62.6	48.0	110.7	111.8	596.3
Transport and storage	16.8	12.6	10.1	7.9	3.1	10.9	10.2	106.0
Finance, property and business services	53.8	53.2	50.1	23.8	25.9	49.8	49.7	370.7
Banking	6.4	7.4	7.2	2.6	4.6	7.2	7.2	50.6
Non-bank finance, investment and insurance	9.5	8.8	9.0	3.8	5.1	9.0	8.9	70.4
Property and business services	37.9	37.0	33.9	17.4	16.1	33.5	33.6	249.6
Community services	46.9	56.5	56.9	20.5	37.7	58.2	58.9	333.8
Health	21.8	26.6	26.4	4.5	22.2	26.6	26.5	142.0
Education, museum and library services	8.6	9.2	9.3	*4.1	5.3	9.4	9.5	51.3
Welfare and other community services	16.5	20.8	21.3	11.9	10.2	22.2	22.9	*140.5
Recreation, personal and other services(a)	39.0	46.9	47.8	20.5	25.8	46.3	46.1	180.2
Total all industries(b)	364.9	386.6	380.6	224.8	161.6	386.4	387.2	2,577.2
PUBLIC								
Agriculture, forestry, fishing and hunting	1.7	1.5	1.6	1.2	0.4	1.5	1.6	13.1
Manufacturing	0.6	0.8	0.5	0.3	*0.1	0.4	0.3	2.8
Electricity, gas and water; Construction	13.6	13.6	13.4	11.9	1.4	13.3	13.3	117.4
Wholesale and retail trade	0.4	0.5	0.5	0.3	0.2	0.5	0.5	3.9
Transport and storage	10.5	9.3	9.6	8.7	0.9	9.6	9.6	88.8
Communication	9.4	9.2	8.9	6.4	2.4	8.9	8.8	79.7
Finance, property and business services	9.8	9.7	9.6	4.2	5.4	9.6	9.6	74.5
Banking	6.6	6.4	6.4	2.5	3.9	6.4	6.4	45.6
Non-bank finance, investment and insurance	1.4	1.4	1.4	0.6	0.8	1.4	1.4	12.7
Property and business services	1.7	1.8	1.8	1.1	0.7	1.8	1.8	16.2
Public administration and defence(c)	29.2	27.0	26.9	16.6	10.6	27.2	27.4	212.1
Community services	82.4	87.8	87.6	34.8	55.7	90.5	87.7	714.2
Health	29.6	29.7	29.9	8.3	21.8	30.1	30.5	238.8
Education, museum and library services	40.8	44.7	44.4	16.9	29.9	46.8	43.7	346.9
Welfare and other community services	*11.9	13.4	13.3	9.6	4.0	13.5	13.5	128.4
Recreation, personal and other services	1.8	1.9	1.9	0.9	1.0	1.9	1.9	13.0
Total all industries	159.5	161.2	160.4	85.3	78.2	163.5	160.7	1,319.5

See footnotes at end of table.



TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	22.1	21.4	21.6	18.9	3.1	22.0	21.9	281.9
Manufacturing	58.2	62.0	59.8	47.8	14.1	61.9	62.3	480.2
Food, beverages and tobacco	13.0	13.1	11.7	8.8	3.6	12.4	13.2	90.6
Textiles; clothing and footwear	2.5	2.7	2.8	1.1	1.8	2.8	2.9	18.2
Wood and wood products	2.4	4.0	3.4	3.0	0.5	3.5	3.5	25.7
Furniture and mattresses	*2.8	*2.3	*2.4	*2.1	*0.4	*2.4	*2.4	*16.6
Paper,paper products,printing and publishing	6.7	6.2	5.8	3.4	2.7	6.0	6.1	41.2
Chemical, petroleum and coal products	3.3	3.9	3.7	2.9	0.8	3.7	3.7	36.1
Non-metallic mineral products	5.3	3.9	4.0	3.5	0.5	3.9	3.9	34.7
Basic metal products	4.2	5.5	5.3	4.9	0.4	5.3	5.4	56.7
Fabricated metal products	6.6	7.3	7.0	6.8	0.7	7.5	7.1	54.0
Transport equipment	2.8	2.9	3.0	2.8	0.5	3.3	3.3	24.6
Other machinery and equipment	6.3	7.7	8.0	6.6	*1.7	8.3	8.5	62.3
Miscellaneous manufacturing	2.4	2.5	2.7	2.0	0.7	2.7	2.4	19.3
Electricity, gas and water	9.5	9.3	9.3	8.4	0.9	9.3	9.3	80.8
Construction	26.6	28.3	30.2	26.7	4.4	31.1	30.5	267.3
Wholesale and retail trade	106.5	111.1	109.0	63.0	48.2	111.2	112.3	600.2
Wholesale trade	30.4	34.1	35.8	25.6	10.2	35.8	36.1	269.3
Retail trade	76.1	76.9	73.2	37.3	38.0	75.3	76.2	330.8
Motor vehicles, petrol, tyres	15.7	19.2	18.6	15.5	3.8	19.3	19.1	120.5
Other retail trade	60.4	57.7	54.6	21.8	34.2	56.0	57.2	210.3
Transport and storage	27.3	21.9	19.7	16.6	4.0	20.6	19.8	194.8
Road transport	9.1	8.6	6.1	5.8	1.2	7.0	6.2	43.5
Other transport and storage	18.1	13.3	13.6	10.8	2.7	13.5	13.6	151.3
Communication	9.6	9.4	9.0	6.4	2.5	8.9	8.9	80.0
Finance, property and business services	63.6	62.8	59.7	28.0	31.3	59.4	59.4	445.2
Banking	13.0	13.9	13.6	5.1	8.5	13.6	13.6	96.2
Non-bank finance and investment	3.9	4.6	4.6	2.0	*2.7	4.7	4.6	37.2
Insurance and services to insurance	7.0	5.6	5.7	2.4	3.3	5.8	5.7	45.9
Property and business services	39.6	38.8	35.7	18.5	16.9	35.4	35.4	265.8
Public administration and defence(c)	29.2	27.0	26.9	16.6	10.6	27.2	27.4	212.1
Commonwealth government admin.	5.3	5.5	5.3	2.7	2.6	5.3	5.3	42.9
State government admin.	10.2	8.0	7.9	5.1	2.9	8.1	8.2	77.4
Local government admin.	11.9	11.9	12.0	7.8	4.3	12.2	12.2	76.1
Other public admin. and defence(c)	1.7	1.7	1.7	1.0	0.8	1.7	1.7	15.7
Community services	129.2	144.2	144.5	55.2	93.4	148.6	146.6	1,048.0
Health	51.4	56.3	56.3	12.7	44.0	56.8	57.0	380.8
Education, museum and library services	49.4	53.8	53.7	21.0	35.2	56.2	53.2	398.2
Welfare and other community services	28.4	34.1	34.5	21.5	14.2	35.7	36.4	268.9
Recreation, personal and other services(a)	40.8	48.8	49.7	21.4	26.8	48.2	48.0	193.2
Entertainment and recreational services	7.2	16.5	16.0	8.2	6.9	15.1	14.8	72.3
Restaurants, hotels; personal services	33.6	32.3	33.6	13.2	19.9	33.1	33.3	120.9
Total all industries(d)	524.4	547.8	541.0	310.1	239.8	549.9	547.9	3,896.7

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.



TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY

Industry	Number of employees ( '000)						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE								
Mining	2.2	1.5	1.9	1.7	0.1	1.9	1.9	21.0
Manufacturing	23.4	21.3	21.2	16.2	4.9	21.1	20.7	192.8
Electricity, gas and water; Construction	4.9	3.6	4.3	3.6	0.7	4.3	4.4	28.7
Wholesale and retail trade	27.6	29.2	28.0	15.3	13.5	28.9	29.2	142.6
Transport and storage	4.2	4.2	3.9	2.6	1.3	4.0	4.0	27.1
Finance, property and business services	11.9	11.0	10.9	4.9	6.0	10.9	10.7	64.9
Banking	2.4	2.3	2.3	0.9	1.4	2.3	2.3	15.2
Non-bank finance, investment and insurance	2.4	2.0	1.9	0.8	1.1	1.8	1.9	11.0
Property and business services	7.1	6.8	6.8	3.2	3.5	6.8	6.5	38.8
Community services	13.3	13.8	13.9	3.4	10.6	14.0	14.0	66.8
Health	7.8	8.0	8.2	*1.6	6.6	8.3	8.2	39.0
Education, museum and library services	2.1	1.7	1.8	0.6	1.1	1.7	1.7	11.1
Welfare and other community services	3.4	4.1	4.0	*1.1	2.8	4.0	4.2	16.8
Recreation, personal and other services(a)	11.2	10.9	11.1	4.4	6.8	11.2	11.7	46.1
Total all industries(b)	98.8	95.4	95.2	52.2	44.0	96.2	96.6	590.0
PUBLIC								
Agriculture, forestry, fishing and hunting	0.7	0.7	0.7	0.6	0.1	0.7	0.7	5.8
Manufacturing	0.2	0.1	0.1	0.1	—	0.1	0.1	0.9
Electricity, gas and water; Construction	4.7	5.4	5.5	4.8	0.7	5.5	5.1	48.0
Wholesale and retail trade	0.2	0.1	0.1	0.1	—	0.1	0.1	1.0
Transport and storage	2.2	2.0	1.9	1.6	0.3	1.9	1.9	16.7
Communication	2.4	2.4	2.4	1.9	0.5	2.3	2.3	22.6
Finance, property and business services	1.4	1.4	1.4	0.7	0.7	1.4	1.4	11.4
Banking	0.7	0.7	0.7	0.3	0.4	0.7	0.7	5.0
Non-bank finance, investment and insurance	0.6	0.6	0.6	0.3	0.3	0.6	0.6	4.9
Property and business services	0.1	0.1	0.1	0.1	—	0.1	0.1	1.4
Public administration and defence(c)	11.7	9.9	10.2	6.4	3.9	10.3	10.6	79.2
Community services	25.1	24.6	25.3	9.4	15.7	25.1	23.7	181.1
Health	10.2	9.1	9.1	2.3	6.8	9.1	9.1	67.9
Education, museum and library services	12.4	12.9	13.7	5.3	8.2	13.5	12.1	89.6
Welfare and other community services	2.4	2.5	2.5	1.9	0.7	2.5	2.6	23.6
Recreation, personal and other services	0.6	0.7	0.7	0.4	0.3	0.7	0.7	5.6
Total all industries	49.2	47.3	48.3	25.9	22.2	48.1	46.8	372.3

See footnotes at end of table.



TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	2.2	1.5	1.9	1.7	0.1	1.9	1.9	21.0
Manufacturing	23.6	21.4	21.4	16.3	4.9	21.3	20.8	193.7
Food, beverages and tobacco	6.1	5.4	5.7	3.7	2.4	6.1	5.5	42.3
Textiles; clothing and footwear	1.8	1.2	1.2	0.6	0.6	1.2	1.2	8.5
Wood; wood products and furniture	3.5	3.2	3.2	2.9	0.3	3.3	3.4	24.5
Paper,paper products,printing and publishing	4.7	4.4	4.3	3.3	0.8	4.2	4.2	57.4
Chemical, petroleum and coal products	0.5	0.5	0.5	0.4	0.1	0.5	0.5	5.4
Non-metallic mineral products	0.8	0.7	0.8	0.7	0.1	0.8	0.8	6.3
Basic metal products	2.9	2.6	2.7	2.5	0.2	2.6	2.6	27.2
Fabricated metal products	1.3	1.3	1.1	1.0	0.1	1.1	1.1	7.9
Transport equipment	1.1	1.0	1.0	0.8	0.1	1.0	1.0	9.4
Other manufacturing	1.0	1.1	*0.9	*0.3	*0.2	*0.5	*0.5	4.8
Electricity, gas and water	4.1	3.6	3.6	3.2	0.4	3.5	3.5	35.1
Construction	5.5	5.4	6.2	5.2	1.0	6.2	6.0	41.6
Wholesale and retail trade	27.8	29.3	28.1	15.4	13.6	29.0	29.4	143.5
Wholesale trade	8.0	7.9	7.3	5.5	2.0	7.5	7.4	46.2
Retail trade	19.7	21.4	20.8	10.0	11.6	21.5	22.0	97.4
Motor vehicles, petrol, tyres	*5.4	5.5	5.5	4.6	*1.0	5.5	5.6	31.7
Other retail trade	14.3	16.0	15.3	5.4	10.6	16.0	16.4	65.7
Transport and storage	6.4	6.2	5.8	4.2	1.7	5.9	5.9	43.7
Road transport	2.4	2.4	2.3	1.9	*0.5	2.4	2.4	14.3
Other transport and storage	4.0	3.8	3.5	2.3	1.2	3.5	3.5	29.4
Communication	2.4	2.4	2.4	1.9	0.5	2.3	2.3	22.6
Finance, property and business services	13.3	12.4	12.3	5.6	6.7	12.2	12.1	76.3
Banking	3.1	2.9	2.9	1.2	1.7	2.9	2.9	20.2
Non-bank finance and investment	1.2	1.2	1.2	0.5	0.7	1.2	1.2	6.7
Insurance and services to insurance	1.8	1.3	1.3	0.5	0.7	1.2	1.3	9.2
Property and business services	7.2	6.9	6.9	3.3	3.6	6.9	6.7	40.2
Public administration and defence(c)	11.7	9.9	10.2	6.4	3.9	10.3	10.6	79.2
Commonwealth government admin.	2.4	2.3	2.4	1.3	1.1	2.4	2.4	20.4
State government admin.	5.5	3.4	3.5	2.1	1.5	3.6	3.8	29.1
Local government admin.	3.1	3.2	3.3	2.4	1.0	3.3	3.4	21.7
Other public admin. and defence(c)	0.6	1.0	1.0	0.6	0.3	1.0	1.0	8.1
Community services	38.4	38.3	39.3	12.8	26.3	39.0	37.8	248.0
Health	18.1	17.1	17.3	3.9	13.5	17.4	17.4	106.9
Education, museum and library services	14.5	14.6	15.5	5.9	9.3	15.2	13.7	100.7
Welfare and other community services	5.8	6.6	6.5	3.0	3.5	6.5	6.7	40.4
Recreation, personal and other services(a)	11.7	11.6	11.8	4.8	7.1	11.9	12.3	51.7
Entertainment and recreational services	1.4	2.0	1.8	1.0	1.0	2.0	1.9	11.1
Restaurants, hotels; personal services	10.4	9.6	10.0	3.8	6.1	9.9	10.4	40.5
Total all industries(d)	147.9	142.8	143.5	78.0	66.2	144.2	143.4	962.3

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.



TABLE 18. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY — INDUSTRY

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Mining	1.8	2.5	2.4	2.1	*0.3	2.4	2.2	26.6
Manufacturing	1.9	1.9	2.1	1.4	0.6	2.0	1.9	12.7
Electricity, gas and water	1.0	1.0	1.0	0.9	0.2	1.0	1.1	9.7
Construction	*5.3	*4.5	*4.9	*3.4	*1.1	*4.4	*4.5	*32.3
Wholesale and retail trade	10.0	11.0	10.5	5.2	5.3	10.4	9.9	52.8
Transport and storage	*2.8	2.0	2.1	1.4	0.6	2.0	2.0	17.1
Communication	1.0	1.1	1.0	0.7	0.3	1.0	1.0	8.0
Finance, property and business services	*7.8	*5.3	*5.6	*3.0	2.6	*5.7	*5.6	33.8
Public administration and defence(a)	5.7	6.1	4.9	2.8	2.2	5.0	5.0	44.7
Community services	16.8	15.4	15.4	6.6	8.9	15.5	15.1	116.5
Health	5.3	5.2	5.2	1.6	3.6	5.2	5.1	31.0
Education, museum and library services	6.2	5.9	5.5	2.1	3.4	5.5	5.2	52.0
Welfare and other community services	*5.3	*4.3	4.7	2.9	1.9	4.8	4.8	*33.5
Recreation, personal and other services(b)	5.3	5.9	6.8	2.6	4.1	6.7	6.2	27.3
<b>Total all industries(c)</b>	<b>59.4</b>	<b>56.7</b>	<b>56.8</b>	<b>30.0</b>	<b>26.1</b>	<b>56.1</b>	<b>54.4</b>	<b>381.5</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 19. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY — INDUSTRY

Industry	Number of employees ( <sup>'000</sup> )						Gross earnings	
	December 1991	September 1992	October 1992	November 1992		December 1992	December Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Manufacturing	3.5	3.8	3.6	2.7	1.1	3.8	3.7	27.8
Electricity, gas and water	1.5	1.5	1.5	1.3	0.3	1.5	1.5	14.1
Construction	6.1	5.5	5.3	4.1	1.1	5.1	5.2	45.4
Wholesale and retail trade	17.7	18.8	18.4	8.8	10.0	18.8	19.2	90.9
Transport and storage	4.3	3.7	3.6	2.9	*0.7	3.6	3.6	30.1
Communication	2.0	1.6	1.8	1.2	0.7	1.9	1.9	15.2
Finance, property and business services	16.1	15.7	16.2	7.3	8.9	16.2	16.2	110.6
Public administration and defence(a)	35.6	33.9	33.9	19.3	14.7	34.0	34.2	355.6
Community services	34.8	37.4	35.6	14.0	22.6	36.6	36.1	286.3
Health	7.7	7.5	7.1	1.5	5.7	7.2	7.2	*30.6
Education, museum and library services	16.9	18.0	17.3	6.9	11.2	18.1	17.5	153.4
Welfare and other community services	*10.2	*11.9	11.3	5.6	5.8	11.3	11.4	*102.2
Recreation, personal and other services(b)	12.6	13.4	11.1	4.9	6.6	11.4	11.3	45.1
<b>Total all industries(c)</b>	<b>134.3</b>	<b>135.5</b>	<b>131.2</b>	<b>66.4</b>	<b>66.6</b>	<b>133.0</b>	<b>133.0</b>	<b>1,022.4</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes Mining and employees of government agencies classified to Agriculture, forestry, fishing and hunting.



TABLE 20. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR — EMPLOYER UNIT SIZE(a)

	Less than 20 employees		20-99 employees		100 or more employees		Total	
	December Quarter 1992		December Quarter 1992		December Quarter 1992		December Quarter 1992	
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
AUSTRALIA BY INDUSTRY								
Mining	6.2	54.0	12.3	139.9	54.4	773.5	72.8	967.4
Manufacturing	183.8	1,093.5	202.1	1,544.3	500.0	4,568.6	885.9	7,206.4
Electricity, gas and water	0.4	2.5	0.4	3.5	2.3	23.4	3.0	29.4
Construction	132.2	826.3	39.1	354.6	40.6	459.6	212.0	1,640.5
Wholesale and retail trade	499.4	2,607.3	242.5	1,609.1	449.4	2,362.3	1,191.3	6,578.7
Transport and storage	59.5	325.5	50.8	418.0	45.5	462.4	155.8	1,205.9
Finance, property and business services	271.9	1,794.3	142.6	1,200.9	242.7	2,086.2	657.2	5,081.3
Community services	186.0	1,126.2	129.6	730.3	235.0	1,464.0	550.6	3,320.5
Recreation, personal and other services(b)	190.7	647.7	123.8	573.9	132.9	681.8	447.4	1,903.5
Total all industries(c)	1,530.6	8,479.8	943.1	6,575.7	1,703.2	12,886.4	4,177.0	27,941.7
STATES AND TERRITORIES								
New South Wales	529.6	3,042.4	306.5	2,249.8	637.8	5,039.4	1,473.8	10,331.7
Victoria	402.0	2,203.6	267.8	1,937.8	449.6	3,420.9	1,119.3	7,562.3
Queensland	265.8	1,423.5	141.1	899.7	267.3	1,941.6	674.2	4,264.7
South Australia	111.8	606.2	81.4	525.6	135.9	934.1	329.0	2,066.0
Western Australia	135.2	761.9	95.4	661.8	155.8	1,153.5	386.4	2,577.2
Tasmania	41.8	201.5	23.0	133.9	31.3	254.5	96.2	590.0
Northern Territory	15.1	84.2	14.5	82.3	7.5	45.8	37.1	212.3
Australian Capital Territory	29.4	156.3	13.5	84.8	18.0	96.7	60.9	337.8

(a) See Appendix 2 and paragraph 23 of Explanatory Notes. (b) Excludes private households employing staff. (c) Includes employees of private enterprises classified to Communication.



## EXPLANATORY NOTES

### Introduction

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaced the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of this survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

### Scope of the survey

3. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

4. An indicator of the number of employed wage and salary earners out of scope to the year ended June 1992 is shown in the following table as:

• New South Wales	71,300
• Victoria	42,600
• Queensland	48,900
• South Australia	17,800
• Western Australia	25,700
• Tasmania	7,500
• Northern Territory	3,300
• Australian Capital Territory	9,300
• Australia	226,400

Estimates of the number of employees in private sector agriculture and private households were derived from the Labour Force Survey while data relating to the number of permanent defence force members are based upon information supplied to the ABS by the Department of Defence.

### Survey design

5. The survey is conducted by mail each quarter with data collected on monthly number of employees and quarterly earnings. For the first and last month of each quarter, only the total number of persons is collected; for

the mid month of each quarter, details of males and females, full-time and part-time are collected.

6. For the *Private* and *Public* sectors, samples of approximately 11,000 private and 2,500 public employer units were selected from the ABS register of businesses to ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises which are split into separate statistical units should continue to report on that basis. In addition, larger enterprises which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting their employees. Any changes in reporting arrangements as a result of such review can have an impact on the industry estimates at the time of their implementation. Private sector statistical units are stratified by State, industry, and number of employees. Public sector statistical units are further stratified by institutional sector. An equal probability sample is selected from each stratum.

7. For the March quarter 1988 survey, a new private sector sample was introduced which reduced the number of private sector statistical units selected from 20,000 to 15,000. For the June quarter 1992 the size of the private sector sample was reduced from 15,000 to 11,000 selected units. The new allocation of units within the existing stratification was achieved without significant loss of accuracy in the main estimates. However, the greater than usual change in the sample between the December 1987 and March 1988 quarters and between the March and June quarters 1992 caused increases in standard errors of movement in the estimates between those periods (see paragraphs 11 to 13, below).

8. For the September quarter 1988, public sector sampling was introduced which reduced the number of public sector statistical units from a complete enumeration of approximately 4,000 to a sample of 2,500. This change was also achieved without significant loss of accuracy in the main estimates.

9. From the December quarter 1991 survey, data for a number of Commonwealth Government and ACT Government departments are being collected electronically.

### Reliability of estimates

10. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix 1 - Technical Note.



### Interpretation of estimates of movements

11. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased operations. Such updating of the register can contribute to sudden changes in the estimates of employed wage and salary earners, and earnings.

12. The ABS has introduced new definitions and rules for recording units on the register with greater emphasis being given to the way organisations are structured and the type of data available from businesses' accounts. In order to correctly apply these new rules, the ABS introduced a program of visits to the largest private and public sector organisations in Australia to obtain up to date information on their structure and operations. The outcome of these visits and the adoption of new units definitions may result in changes over time in the survey estimates, as outlined in paragraph 11 above.

13. Estimates of monthly movements within each quarter arise solely from changes in reported number of employees by employer units but movements between quarters also reflect changes resulting from updating the survey sample.

### Seasonal Adjustment

14. Seasonally adjusted series are published in Tables 2, 5 and 11. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

15. The series have been seasonally adjusted from September 1983 and the historical series can be made available on request. The seasonal factors are reviewed annually to take account of each additional year's original data. The most recent review took place in the March quarter 1992.

16. Details about the method of seasonal adjustment of these series are available on request.

### Standard Institutional Sector Classification of Australia (SISCA)

17. SISCA is a system for classifying institutional units by broad economic sectors and is a key component of the general national accounting framework. For the purposes of these statistics the classification has been used to separate public sector enterprises into public business (trading and financial) and general government. Certain

public sector data have been classified by SISCA and are presented in Tables 6, 7 and 8.

### Comparability of results

18. This series differs in several important ways from the former payroll tax-based civilian employees series, and estimates of employed wage and salary earners obtained from the Labour Force Survey (LFS). It provides an estimate of the number of jobs occupied by people, whereas the other two series provide estimates of the number of people in jobs. For this series, data are obtained directly from a sample survey of employer units drawn from the ABS register of business units, which is more complete than the coverage provided by employers subject to payroll tax. Comparability with LFS estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

19. Separate estimates of full-time and part-time employees are included in Table 9. For definitions of these terms, see Appendix 2 - Glossary. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 18, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

20. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings



paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to seasonal variations particularly in December and March quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

21. Prior to July 1983 the number of public sector employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Public sector employee figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employer units.

22. Differences occur between the new and old public sector series because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of public employees in forestry and services to agriculture (11,200 in May 1983). To provide a statistical link between the new and old public sector series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

#### **Employer unit size classification**

23. Data presented in Table 20 show the concentration of employees in employer units in three size ranges. Over a period, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in their employment levels. This will affect changes over time in the distribution of employees by size of employer unit.

#### **Semi-logarithmic graphs**

24. Diagram 4 on page 3 has been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth.

#### **Related publications**

25. Users may also wish to refer to the following publications which are available on request:

*The Labour Force, Australia* (6203.0) — issued monthly

*Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) — issued 11 July 1985

*Average Weekly Earnings, Australia (Preliminary)* (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

*Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to Their Concepts, Measurement and Usage* — issued June 1986

*Labour Statistics, Australia* (6101.0) — issued annually

*A Guide to Labour Statistics* (6102.0) — issued 10 February 1986

*Small Business in Australia 1990* (1321.0) — issued September 1991

*Labour Force Projections, Australia, 1992-2005* (6260.0) — issued 11 November 1991.

26. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### **Unpublished statistics**

27. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to Errol Preston on Canberra (06) 252 6511, or to Information Services in the nearest ABS office.

#### **Symbols and other usages**

- nil or rounded to zero
- r revised
- \* subject to sampling variability too high for most practical purposes. See paragraph 3 of Appendix 1 - Technical Note

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.



## APPENDIX 1 - TECHNICAL NOTE

### Reliability of estimates

Estimates for both the private and public sectors in this publication are subject to sampling variability because they are based on information relating to a sample of employer units rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all employer units). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25 per cent of the estimate have been labelled with an asterisk.

4. Standard errors of estimates of *level*, by industry, are shown in Table A for the private sector and Table B for the public sector and relate only to the third month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors

on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors of estimates of *movements*, provide a measure of the reliability of changes in the level of an estimate. Tables A and B show standard errors for movements in the level of estimates for the private and public sectors respectively for persons between the third month of successive quarters. Annual movement standard errors are also shown and relate to December 1991 - December 1992 movements.

6. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,800,000 with a standard error of 34,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,766,000 to 5,834,000 and about nineteen chances in twenty that it would be in the range 5,732,000 to 5,868,000.

7. An example of the use of standard error on *movements* is as follows. If the estimated standard error for a quarterly change estimate of wage and salary earners was 15,000 and the quarterly change estimate between two quarters was 40,000 persons, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range 25,000 to 55,000 persons and about nineteen chances in twenty that it would be in the range 10,000 to 70,000 persons.

8. Quarterly movements in estimates of employed wage and salary earners are considered to be statistically significant where they exceed two standard errors.

9. Standard errors for earnings are approximately the same relative size as standard errors for number of employees. Detailed standard errors for both employment and earnings are available on request.

### Standard Industrial Sector Classification of Australia (SISCA)

17. SISCA is a system for classifying institutional units by base-economic sectors and is a key component of the general national accounting framework. For the purposes of these statistics the classification has been used to separate public sector enterprises into public business (trading and financial) and general government. Certain

20. The SSB collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. While average employee earnings can be derived from SSB data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (3304.0). The SSB collects the sum of employee earnings



TABLE A. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES — PRIVATE SECTOR :  
STANDARD ERRORS, DECEMBER 1992, PERSONS  
(<sup>'000</sup>)

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Mining	1.0	0.5	2.2	0.3	0.7	—	0.3	—	2.6
Manufacturing	5.2	6.0	3.6	2.1	2.5	0.6	0.2	0.2	9.3
Construction	5.4	4.6	3.7	1.4	4.4	0.7	1.8	1.0	9.5
Wholesale and retail trade	14.6	8.3	8.0	5.0	3.8	2.0	0.9	1.6	19.8
Transport and storage	4.7	4.2	2.3	5.6	0.9	0.3	0.3	0.2	8.8
Finance, property and business services	10.3	6.3	6.3	3.3	3.1	0.8	1.6	1.2	14.5
Community services	7.4	10.0	7.0	3.9	4.0	1.0	0.6	1.3	15.4
Recreation, personal and other services(a)	7.1	6.6	5.1	2.9	3.4	0.8	0.9	0.9	11.9
<b>Total all industries</b>	<b>22.4</b>	<b>18.1</b>	<b>14.7</b>	<b>9.8</b>	<b>8.8</b>	<b>2.7</b>	<b>2.8</b>	<b>2.7</b>	<b>35.3</b>
QUARTERLY MOVEMENT									
Mining	0.5	0.2	0.4	—	0.3	—	0.2	—	0.8
Manufacturing	5.3	7.2	2.7	1.4	1.9	0.4	0.1	0.1	9.6
Construction	3.0	2.2	2.0	0.5	2.0	0.5	1.5	0.3	4.9
Wholesale and retail trade	7.4	10.4	3.7	2.4	2.3	0.8	0.6	0.6	13.7
Transport and storage	1.8	2.2	1.1	0.6	0.6	0.1	0.1	—	3.2
Finance, property and business services	4.0	3.0	3.1	0.9	1.6	0.5	0.6	0.4	6.2
Community services	2.9	3.6	3.1	1.1	2.0	0.2	0.3	—	6.0
Recreation, personal and other services(a)	3.1	3.7	2.8	1.8	3.2	0.4	0.7	2.9	7.3
<b>Total all industries</b>	<b>11.3</b>	<b>14.3</b>	<b>7.3</b>	<b>3.7</b>	<b>5.5</b>	<b>1.2</b>	<b>1.9</b>	<b>3.0</b>	<b>21.1</b>
ANNUAL MOVEMENT(b)									
Mining	0.9	0.9	2.1	0.2	1.3	0.1	0.4	—	2.8
Manufacturing	6.4	9.1	4.2	2.3	3.5	0.6	0.2	0.6	12.6
Construction	5.1	7.5	4.1	1.3	4.8	0.6	2.1	1.2	11.4
Wholesale and retail trade	16.2	10.6	9.4	6.3	4.0	2.1	1.1	1.7	23.0
Transport and storage	5.0	4.8	2.1	4.7	2.4	0.3	1.4	0.3	9.1
Finance, property and business services	12.3	6.5	6.5	3.2	5.8	0.8	2.2	1.2	16.9
Community services	7.3	10.5	7.1	4.5	3.4	1.0	1.5	1.0	15.9
Recreation, personal and other services(a)	12.0	6.8	5.5	3.2	3.8	0.9	1.1	1.6	15.8
<b>Total all industries</b>	<b>26.5</b>	<b>21.8</b>	<b>15.9</b>	<b>10.5</b>	<b>10.9</b>	<b>2.8</b>	<b>4.0</b>	<b>3.1</b>	<b>41.2</b>

(a) Excludes private households employing staff. (b) See paragraph 5 in Appendix 1.



TABLE B. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES — PUBLIC SECTOR :  
STANDARD ERRORS, DECEMBER 1992, PERSONS  
(<sup>'000</sup>)

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	1.1	1.3	—	—	0.1	—	—	—	1.7
Electricity, gas and water	0.1	0.1	0.2	—	—	0.2	—	—	0.3
Construction	—	1.0	—	—	—	—	—	—	1.0
Wholesale and retail trade	—	—	—	—	—	—	—	—	—
Transport and storage	0.2	1.0	0.1	—	—	—	—	—	1.0
Communication	—	—	—	5.5	—	—	—	—	5.5
Finance, property and business services	1.2	0.5	0.1	0.1	—	—	—	—	1.3
Public administration and defence(a)	1.9	1.5	1.0	0.9	0.7	0.1	—	—	2.9
Community services	1.5	1.3	0.7	0.7	0.9	—	—	—	2.3
Recreation, personal and other services	1.4	—	0.1	0.1	—	—	—	—	1.4
<b>Total all industries</b>	<b>1.4</b>	<b>1.6</b>	<b>1.3</b>	<b>5.5</b>	<b>0.3</b>	<b>0.2</b>	—	—	<b>6.1</b>
QUARTERLY MOVEMENT									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	0.3	0.4	—	—	—	—	—	—	0.5
Electricity, gas and water	—	0.7	—	0.1	—	—	—	—	0.7
Construction	—	0.3	—	—	—	—	—	—	0.3
Wholesale and retail trade	—	—	—	0.2	—	—	—	—	0.2
Transport and storage	0.1	0.4	0.1	—	0.1	—	—	—	0.4
Communication	—	—	—	5.5	—	—	—	—	5.5
Finance, property and business services	0.3	0.3	—	—	—	—	—	—	0.4
Public administration and defence(a)	0.6	0.5	1.2	0.4	0.1	0.1	—	—	1.5
Community services	0.6	0.8	1.0	0.3	0.1	—	—	—	1.4
Recreation, personal and other services	0.3	—	0.1	0.2	—	—	—	—	0.4
<b>Total all industries</b>	<b>0.7</b>	<b>1.2</b>	<b>1.6</b>	<b>5.5</b>	<b>0.2</b>	<b>0.1</b>	—	—	<b>5.9</b>
ANNUAL MOVEMENT(b)									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	0.5	0.8	—	—	—	—	—	—	1.0
Electricity, gas and water	0.1	0.1	0.1	—	—	—	—	—	0.2
Construction	—	0.6	—	—	—	—	—	—	0.6
Wholesale and retail trade	—	—	—	0.2	—	—	—	—	0.2
Transport and storage	0.1	0.6	0.1	—	—	—	—	—	0.7
Communication	—	—	—	5.5	0.1	—	—	—	5.5
Finance, property and business services	0.6	0.3	—	—	—	—	—	—	0.6
Public administration and defence(a)	0.5	1.1	2.1	0.7	0.2	0.2	—	—	2.5
Community services	2.4	0.9	0.9	0.7	0.3	—	0.2	—	2.9
Recreation, personal and other services	0.5	—	—	0.2	—	—	—	—	0.6
<b>Total all industries</b>	<b>2.8</b>	<b>1.9</b>	<b>2.3</b>	<b>5.5</b>	<b>0.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>6.9</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) See paragraph 5 in Appendix 1.



## APPENDIX 2 - GLOSSARY

*Commonwealth government employees.* Persons employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament, including trading bodies such as banks, airlines and communications bodies. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

*Employer units* are the statistical units which make up the population from which the sample was drawn (see paragraph 6 of the Explanatory Notes).

*Employer unit size.* To derive estimates of employer unit size, each of the approximately 11,000 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of an enterprise in a particular State/Territory and not necessarily the size of an enterprise Australia wide.

*Full-time employees.* Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

*General government enterprises.* Public sector enterprises mainly engaged in the production of goods and services, outside the normal market mechanisms, providing these goods and services to the general public. The costs of operations are often financed from public revenues. e.g. Government Departments.

*Gross earnings.* Payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation who continue to be paid through the payroll; and severance, termination and redundancy payments.

*Industry.* Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition* (1201.0).

*Institutional sector.* Institutional sector is classified according to the *Standard Institutional Sector Classification of Australia (SISCA) 1987 Edition* (1218.0).

*Local government employees.* Persons employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

*Number of employees.* All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on *paid* leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

*Part-time employees.* Permanent, temporary and casual employees who are not classified as full-time employees as defined.

*Public employees.* Administrative employees and all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

*Public financial enterprises.* Public sector enterprises actively involved in financial market transactions such as borrowing and lending. Excluded are those public bodies whose funds flow directly to or from general government revenue.

*Public trading enterprises.* Public sector enterprises predominantly engaged in the production of goods and services with an intention of maximising profits and financial returns with most operating costs being derived from trading activities.

*Reference period for the number of employees.* The last pay period ending on or before the third Friday in each month.

*Reference period for earnings.* All pay periods for which the end of the pay period falls within the quarter.

*Sector.* Public sector includes local government authorities and all government departments, agencies and authorities created by, or reporting to the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

*State government employees.* Persons employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory and the Australian Capital Territory administrations have been classified to 'State' governments. Employees of State governments employed interstate are included in the estimates of the State in which they are based.





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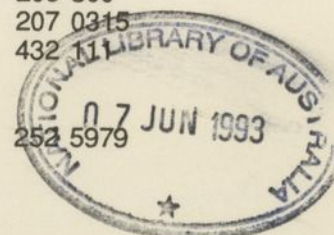
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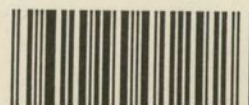
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